

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076554.D
 Acq On : 23 Jun 2023 13:05
 Operator : KP/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:32:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	125969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60076	47.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.200%		
35) Dibromofluoromethane	7.804	113	64703	51.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.640%		
50) Toluene-d8	10.269	98	233623	48.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.720%		
62) 4-Bromofluorobenzene	12.575	95	77337	49.836	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	19236	20.096	ug/l	95
3) Chloromethane	2.146	50	32556	16.354	ug/l	95
4) Vinyl Chloride	2.281	62	37796	17.020	ug/l	96
5) Bromomethane	2.669	94	27735	19.208	ug/l	96
6) Chloroethane	2.828	64	27492	18.063	ug/l	98
7) Trichlorofluoromethane	3.169	101	37431	20.482	ug/l	91
8) Diethyl Ether	3.593	74	13244	19.256	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.958	101	22844	19.410	ug/l	98
10) Methyl Iodide	4.158	142	26145	18.737	ug/l #	89
11) Tert butyl alcohol	5.058	59	8590	78.829	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	20561	17.838	ug/l #	78
13) Acrolein	3.799	56	11089	94.477	ug/l	95
14) Allyl chloride	4.558	41	36657	17.390	ug/l #	85
15) Acrylonitrile	5.252	53	30268	85.584	ug/l	99
16) Acetone	4.022	43	26382	87.843	ug/l #	75
17) Carbon Disulfide	4.263	76	49794	15.811	ug/l #	88
18) Methyl Acetate	4.569	43	23004	16.620	ug/l #	81
19) Methyl tert-butyl Ether	5.310	73	55876	17.722	ug/l #	81
20) Methylene Chloride	4.793	84	38362	17.783	ug/l #	65
21) trans-1,2-Dichloroethene	5.310	96	24199	18.164	ug/l	91
22) Diisopropyl ether	6.210	45	80467	17.653	ug/l #	95
23) Vinyl Acetate	6.152	43	160219	70.914	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	48129	18.909	ug/l	91
25) 2-Butanone	7.081	43	38248	82.338	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	40479	18.446	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	30033	18.627	ug/l	89
28) Bromochloromethane	7.422	49	14554	18.567	ug/l #	72
29) Tetrahydrofuran	7.440	42	23708	79.417	ug/l #	78
30) Chloroform	7.593	83	48859	19.386	ug/l	95
31) Cyclohexane	7.881	56	36790	17.930	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	40814	20.034	ug/l	99
36) 1,1-Dichloropropene	8.004	75	35976	20.376	ug/l	95
37) Ethyl Acetate	7.175	43	15821	15.464	ug/l #	64
38) Carbon Tetrachloride	7.993	117	33247	21.068	ug/l	91
39) Methylcyclohexane	9.275	83	37464	18.081	ug/l #	85
40) Benzene	8.251	78	103577	19.237	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076554.D
 Acq On : 23 Jun 2023 13:05
 Operator : KP/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:32:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8033	13.904	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	28395	19.517	ug/l	96
43) Isopropyl Acetate	8.363	43	34024	17.566	ug/l #	84
44) Trichloroethene	9.028	130	29199	20.103	ug/l	99
45) 1,2-Dichloropropane	9.304	63	28305	19.389	ug/l	92
46) Dibromomethane	9.393	93	14279	18.259	ug/l	96
47) Bromodichloromethane	9.587	83	36314	19.404	ug/l	95
48) Methyl methacrylate	9.381	41	14142	15.930	ug/l #	75
49) 1,4-Dioxane	9.381	88	3112	332.126	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	87374	88.247	ug/l #	85
52) Toluene	10.334	92	65609	19.418	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	35125	18.496	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	40792	18.118	ug/l #	83
55) 1,1,2-Trichloroethane	10.734	97	21244	19.420	ug/l	94
56) Ethyl methacrylate	10.598	69	24970	17.482	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	34560	18.453	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	55544	91.725	ug/l	91
59) 2-Hexanone	10.922	43	61606	89.449	ug/l	81
60) Dibromochloromethane	11.075	129	26226	20.601	ug/l	97
61) 1,2-Dibromoethane	11.181	107	20189	19.660	ug/l	96
64) Tetrachloroethene	10.810	164	22749	19.362	ug/l	87
65) Chlorobenzene	11.604	112	72926	19.611	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	26580	19.987	ug/l	99
67) Ethyl Benzene	11.687	91	127364	19.330	ug/l	94
68) m/p-Xylenes	11.792	106	100740	39.167	ug/l	91
69) o-Xylene	12.122	106	48294	19.725	ug/l	93
70) Styrene	12.134	104	79920	18.896	ug/l	94
71) Bromoform	12.298	173	15517	19.433	ug/l #	99
73) Isopropylbenzene	12.422	105	125426	18.592	ug/l	98
74) N-amyl acetate	12.234	43	31620	16.010	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	25848	18.567	ug/l	92
76) 1,2,3-Trichloropropane	12.722	75	17420m	17.517	ug/l	
77) Bromobenzene	12.698	156	30056	18.058	ug/l	89
78) n-propylbenzene	12.763	91	156786	18.822	ug/l	96
79) 2-Chlorotoluene	12.851	91	84050	18.375	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	103708	18.824	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	7486	16.495	ug/l	90
82) 4-Chlorotoluene	12.945	91	90596	19.071	ug/l	95
83) tert-Butylbenzene	13.169	119	91410	18.673	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	103156	18.580	ug/l	96
85) sec-Butylbenzene	13.345	105	140070	19.281	ug/l	96
86) p-Isopropyltoluene	13.463	119	115262	18.988	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	61916	18.939	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	61065	18.728	ug/l	95
89) n-Butylbenzene	13.786	91	111750	18.875	ug/l	99
90) Hexachloroethane	14.057	117	20943	18.696	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	54450	19.060	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3807	18.169	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	32644	17.145	ug/l	97
94) Hexachlorobutadiene	15.198	225	18328	19.800	ug/l	99
95) Naphthalene	15.333	128	62579	16.437	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	28993	17.478	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
Data File : VD076554.D
Acq On : 23 Jun 2023 13:05
Operator : KP/SY
Sample : VD0623SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:32:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076554.D
 Acq On : 23 Jun 2023 13:05
 Operator : KP/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:32:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

