

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076505.D
 Acq On : 21 Jun 2023 10:54
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:54:50 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	134639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59925	44.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.840%		
35) Dibromofluoromethane	7.799	113	64794	49.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.560%		
50) Toluene-d8	10.269	98	237974	48.209	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.575	95	78771	49.170	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	53680	52.470	ug/l	97
3) Chloromethane	2.146	50	93805	44.087	ug/l	99
4) Vinyl Chloride	2.281	62	116952	49.274	ug/l	97
5) Bromomethane	2.681	94	76015	49.256	ug/l	98
6) Chloroethane	2.828	64	81687	50.214	ug/l	98
7) Trichlorofluoromethane	3.170	101	109730	56.177	ug/l	99
8) Diethyl Ether	3.587	74	35862	48.784	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	70627	56.145	ug/l	98
10) Methyl Iodide	4.152	142	81257	54.485	ug/l	92
11) Tert butyl alcohol	5.052	59	22879	196.437	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	63695	51.700	ug/l	88
13) Acrolein	3.787	56	30507	243.179	ug/l	98
14) Allyl chloride	4.558	41	110656	49.113	ug/l #	88
15) Acrylonitrile	5.252	53	88953	235.321	ug/l	99
16) Acetone	4.017	43	88473	275.615	ug/l	88
17) Carbon Disulfide	4.264	76	167140	49.653	ug/l	97
18) Methyl Acetate	4.564	43	65796	44.477	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	164945	48.946	ug/l	94
20) Methylene Chloride	4.799	84	90067	50.068	ug/l #	68
21) trans-1,2-Dichloroethene	5.311	96	73903	51.900	ug/l	85
22) Diisopropyl ether	6.216	45	245283	50.347	ug/l #	93
23) Vinyl Acetate	6.152	43	588934	243.879	ug/l #	88
24) 1,1-Dichloroethane	6.105	63	138441	50.888	ug/l	97
25) 2-Butanone	7.081	43	120798	243.302	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	120347	51.309	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	89579	51.980	ug/l	88
28) Bromochloromethane	7.428	49	34541	43.818	ug/l #	68
29) Tetrahydrofuran	7.440	42	71542	224.219	ug/l #	76
30) Chloroform	7.593	83	138658	51.474	ug/l	100
31) Cyclohexane	7.869	56	118141	56.738	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	119417	54.841	ug/l	98
36) 1,1-Dichloropropene	8.005	75	107210	58.818	ug/l	96
37) Ethyl Acetate	7.169	43	50743	48.043	ug/l #	94
38) Carbon Tetrachloride	7.987	117	100269	61.547	ug/l	95
39) Methylcyclohexane	9.269	83	125870	58.845	ug/l #	89
40) Benzene	8.246	78	305720	55.001	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076505.D
 Acq On : 21 Jun 2023 10:54
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:54:50 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	30462	51.075	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	81257	54.102	ug/l	96
43) Isopropyl Acetate	8.357	43	99668	49.844	ug/l #	84
44) Trichloroethene	9.028	130	83742	55.849	ug/l	89
45) 1,2-Dichloropropane	9.304	63	83191	55.200	ug/l	97
46) Dibromomethane	9.393	93	44498	55.117	ug/l	95
47) Bromodichloromethane	9.581	83	108474	56.146	ug/l	98
48) Methyl methacrylate	9.381	41	47701	52.047	ug/l #	71
49) 1,4-Dioxane	9.387	88	9557	987.996	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	259685	254.058	ug/l #	85
52) Toluene	10.334	92	201368	57.731	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	107237	54.700	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	128514	55.291	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	60463	53.540	ug/l	94
56) Ethyl methacrylate	10.599	69	77084	52.276	ug/l #	72
57) 1,3-Dichloropropane	10.875	76	102582	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	143277	229.190	ug/l	92
59) 2-Hexanone	10.922	43	187784	264.109	ug/l	83
60) Dibromochloromethane	11.075	129	75479	57.431	ug/l	97
61) 1,2-Dibromoethane	11.181	107	58590	55.267	ug/l	96
64) Tetrachloroethene	10.810	164	71105	57.950	ug/l	95
65) Chlorobenzene	11.604	112	214413	55.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80498	57.961	ug/l	99
67) Ethyl Benzene	11.681	91	396712	57.653	ug/l	96
68) m/p-Xylenes	11.793	106	309962	115.395	ug/l	95
69) o-Xylene	12.122	106	141432	55.313	ug/l	87
70) Styrene	12.134	104	247340	55.998	ug/l	95
71) Bromoform	12.298	173	45655	54.750	ug/l #	98
73) Isopropylbenzene	12.422	105	389355	56.003	ug/l	97
74) N-amyl acetate	12.234	43	96157	47.244	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	71998	50.185	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	38397m	37.466	ug/l	
77) Bromobenzene	12.698	156	87838	51.211	ug/l	87
78) n-propylbenzene	12.763	91	481839	56.130	ug/l	96
79) 2-Chlorotoluene	12.851	91	257676	54.662	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	315444	55.559	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21722	46.444	ug/l	91
82) 4-Chlorotoluene	12.945	91	263742	53.874	ug/l	96
83) tert-Butylbenzene	13.169	119	282196	55.937	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	314050	54.888	ug/l	98
85) sec-Butylbenzene	13.345	105	436506	58.306	ug/l	95
86) p-Isopropyltoluene	13.463	119	361006	57.709	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	185740	55.129	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	179902	53.539	ug/l	98
89) n-Butylbenzene	13.787	91	349778	57.327	ug/l	99
90) Hexachloroethane	14.057	117	65525	56.761	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	162715	55.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10386	48.097	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	108129	55.109	ug/l	97
94) Hexachlorobutadiene	15.204	225	56868	59.615	ug/l	99
95) Naphthalene	15.334	128	200940	51.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	94102	55.047	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
Data File : VD076505.D
Acq On : 21 Jun 2023 10:54
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:54:50 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

