

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075636.D
 Acq On : 12 Apr 2023 13:21
 Operator : KP/SY
 Sample : VD0412SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 07:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92061	56.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.700%
35) Dibromofluoromethane	7.805	113	115984	56.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.600%
50) Toluene-d8	10.269	98	436611	54.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.575	95	138275	58.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	30816	21.902	ug/l	96
3) Chloromethane	2.146	50	52208	21.338	ug/l	97
4) Vinyl Chloride	2.281	62	69542	20.303	ug/l	96
5) Bromomethane	2.681	94	54386	19.939	ug/l	98
6) Chloroethane	2.834	64	51291	21.347	ug/l	99
7) Trichlorofluoromethane	3.170	101	62750	21.476	ug/l	97
8) Diethyl Ether	3.593	74	18131	20.090	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.964	101	43380	22.555	ug/l	90
10) Methyl Iodide	4.164	142	46148	20.067	ug/l	92
11) Tert butyl alcohol	5.058	59	8944	115.798	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	38378	20.789	ug/l	89
13) Acrolein	3.793	56	14021	114.697	ug/l	93
14) Allyl chloride	4.564	41	35307	21.192	ug/l #	80
15) Acrylonitrile	5.252	53	37493	108.413	ug/l	97
16) Acetone	4.017	43	32238	108.295	ug/l	89
17) Carbon Disulfide	4.264	76	91836	19.220	ug/l	99
18) Methyl Acetate	4.564	43	19488	21.691	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	80298	20.581	ug/l	97
20) Methylene Chloride	4.799	84	56986	16.355	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	44516	20.429	ug/l #	72
22) Diisopropyl ether	6.211	45	89231	21.833	ug/l #	89
23) Vinyl Acetate	6.158	43	203239	102.528	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	72250	21.407	ug/l	98
25) 2-Butanone	7.087	43	41497	107.414	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	66059	21.336	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	51158	19.939	ug/l	82
28) Bromochloromethane	7.422	49	25031	21.706	ug/l #	48
29) Tetrahydrofuran	7.440	42	22150	108.269	ug/l #	54
30) Chloroform	7.593	83	81109	21.125	ug/l	97
31) Cyclohexane	7.875	56	48813	20.537	ug/l #	67
32) 1,1,1-Trichloroethane	7.793	97	69415	21.724	ug/l	95
36) 1,1-Dichloropropene	8.005	75	56389	21.431	ug/l	95
37) Ethyl Acetate	7.169	43	17837	22.548	ug/l #	95
38) Carbon Tetrachloride	7.987	117	53702	21.283	ug/l	98
39) Methylcyclohexane	9.275	83	59959	19.137	ug/l #	84
40) Benzene	8.252	78	183956	21.697	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075636.D
 Acq On : 12 Apr 2023 13:21
 Operator : KP/SY
 Sample : VD0412SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 07:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7942	17.837	ug/l #	52
42) 1,2-Dichloroethane	8.322	62	42945	21.800	ug/l	91
43) Isopropyl Acetate	8.363	43	33226	22.002	ug/l #	80
44) Trichloroethene	9.028	130	48971	19.719	ug/l	98
45) 1,2-Dichloropropane	9.305	63	41679	21.073	ug/l	96
46) Dibromomethane	9.393	93	25692	20.922	ug/l	99
47) Bromodichloromethane	9.581	83	62772	21.138	ug/l	96
48) Methyl methacrylate	9.381	41	13101	19.143	ug/l #	51
49) 1,4-Dioxane	9.381	88	4581	411.523	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	85710	105.433	ug/l #	80
52) Toluene	10.334	92	114761	20.041	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	55232	20.519	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	65837	20.116	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	37863	20.908	ug/l	95
56) Ethyl methacrylate	10.599	69	34743	19.905	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	57940	21.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	90058	106.714	ug/l #	88
59) 2-Hexanone	10.922	43	62905	109.839	ug/l	76
60) Dibromochloromethane	11.075	129	43221	19.990	ug/l	97
61) 1,2-Dibromoethane	11.181	107	33720	19.482	ug/l	95
64) Tetrachloroethene	10.810	164	40740	21.038	ug/l	95
65) Chlorobenzene	11.610	112	130655	20.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45291	20.493	ug/l	97
67) Ethyl Benzene	11.687	91	209744	20.341	ug/l	94
68) m/p-Xylenes	11.793	106	172780	40.682	ug/l	91
69) o-Xylene	12.122	106	76994	20.137	ug/l	95
70) Styrene	12.140	104	135467	20.660	ug/l	93
71) Bromoform	12.298	173	24523	21.468	ug/l #	99
73) Isopropylbenzene	12.422	105	202830	20.404	ug/l	99
74) N-amyl acetate	12.234	43	28459	20.413	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	43275	23.274	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	23079m	22.161	ug/l	
77) Bromobenzene	12.704	156	49596	19.766	ug/l	92
78) n-propylbenzene	12.763	91	259343	21.699	ug/l	98
79) 2-Chlorotoluene	12.851	91	140451	21.247	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	173518	21.313	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11474	20.976	ug/l #	75
82) 4-Chlorotoluene	12.951	91	148815	21.702	ug/l	94
83) tert-Butylbenzene	13.169	119	142466	20.154	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	173051	21.049	ug/l	96
85) sec-Butylbenzene	13.345	105	229713	21.265	ug/l	99
86) p-Isopropyltoluene	13.463	119	188012	20.705	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	106803	20.384	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	105569	20.373	ug/l	97
89) n-Butylbenzene	13.787	91	172179	20.855	ug/l	99
90) Hexachloroethane	14.057	117	36834	21.444	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	91096	20.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4780	20.551	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	50020	20.882	ug/l	98
94) Hexachlorobutadiene	15.204	225	24418	21.520	ug/l	95
95) Naphthalene	15.334	128	88922	19.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	42510	20.030	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075636.D
Acq On : 12 Apr 2023 13:21
Operator : KP/SY
Sample : VD0412SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 07:25:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

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

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

