

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074303.D
 Acq On : 15 Sep 2022 12:47
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	82058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	141950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	129331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63070	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41685	49.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.805	113	44779	46.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.880%		
50) Toluene-d8	10.269	98	173561	49.879	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.569	95	54513	44.031	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16625	24.330	ug/l	93
3) Chloromethane	2.140	50	14738	24.026	ug/l	97
4) Vinyl Chloride	2.275	62	14496	27.741	ug/l	97
5) Bromomethane	2.670	94	8416	30.584	ug/l	90
6) Chloroethane	2.828	64	8755	28.136	ug/l	96
7) Trichlorofluoromethane	3.164	101	30247	20.805	ug/l	88
8) Diethyl Ether	3.587	74	10062	21.451	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.952	101	20775	22.209	ug/l	96
10) Methyl Iodide	4.152	142	21580	19.358	ug/l	99
11) Tert butyl alcohol	5.064	59	6729	98.622	ug/l #	74
12) 1,1-Dichloroethene	3.934	96	19333	21.410	ug/l	88
13) Acrolein	3.799	56	5559	76.650	ug/l	95
14) Allyl chloride	4.552	41	29013	20.703	ug/l	99
15) Acrylonitrile	5.252	53	23408	107.035	ug/l	98
16) Acetone	4.028	43	19414	112.426	ug/l	93
17) Carbon Disulfide	4.264	76	58557	22.480	ug/l	99
18) Methyl Acetate	4.564	43	13641	23.611	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	43019	19.667	ug/l	99
20) Methylene Chloride	4.799	84	30523	26.124	ug/l #	82
21) trans-1,2-Dichloroethene	5.311	96	21018	20.633	ug/l	95
22) Diisopropyl ether	6.216	45	63010	21.188	ug/l	95
23) Vinyl Acetate	6.152	43	131281	93.485	ug/l	100
24) 1,1-Dichloroethane	6.105	63	39446	21.472	ug/l	97
25) 2-Butanone	7.081	43	29914	103.867	ug/l	95
26) 2,2-Dichloropropane	7.075	77	31509	19.632	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	24409	20.972	ug/l	99
28) Bromochloromethane	7.422	49	9634	17.076	ug/l #	97
29) Tetrahydrofuran	7.446	42	18540	104.419	ug/l	99
30) Chloroform	7.593	83	38692	21.220	ug/l	97
31) Cyclohexane	7.875	56	36404	21.056	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	34334	21.461	ug/l	99
36) 1,1-Dichloropropene	8.010	75	30389	19.779	ug/l	98
37) Ethyl Acetate	7.163	43	13971	20.969	ug/l #	96
38) Carbon Tetrachloride	7.987	117	27659	19.897	ug/l	85
39) Methylcyclohexane	9.275	83	35934	18.894	ug/l	95
40) Benzene	8.252	78	88172	20.736	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074303.D
 Acq On : 15 Sep 2022 12:47
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7143	19.248	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	23483	20.898	ug/l	97
43) Isopropyl Acetate	8.357	43	24633	19.140	ug/l	98
44) Trichloroethene	9.028	130	23214	19.669	ug/l	89
45) 1,2-Dichloropropane	9.299	63	22910	20.731	ug/l	96
46) Dibromomethane	9.393	93	12000	20.915	ug/l	91
47) Bromodichloromethane	9.581	83	29367	20.344	ug/l	91
48) Methyl methacrylate	9.375	41	11457	18.849	ug/l	95
49) 1,4-Dioxane	9.375	88	2738	402.977	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	64905	99.783	ug/l	98
52) Toluene	10.328	92	54841	20.108	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	25684	18.876	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	31995	19.085	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16382	20.655	ug/l	95
56) Ethyl methacrylate	10.593	69	20561	19.511	ug/l	99
57) 1,3-Dichloropropane	10.875	76	29145	20.821	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	20018	97.136	ug/l	96
59) 2-Hexanone	10.916	43	43743	99.032	ug/l	99
60) Dibromochloromethane	11.069	129	19505	20.195	ug/l	99
61) 1,2-Dibromoethane	11.175	107	15265	20.221	ug/l	99
64) Tetrachloroethene	10.804	164	18507	18.716	ug/l	94
65) Chlorobenzene	11.604	112	57455	19.761	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	19844	19.057	ug/l	98
67) Ethyl Benzene	11.681	91	106659	19.639	ug/l	95
68) m/p-Xylenes	11.787	106	81717	39.644	ug/l	99
69) o-Xylene	12.116	106	38628	19.829	ug/l	98
70) Styrene	12.134	104	64511	19.855	ug/l	99
71) Bromoform	12.293	173	11428	19.713	ug/l #	98
73) Isopropylbenzene	12.416	105	103664	19.427	ug/l	99
74) N-amyl acetate	12.228	43	24308	19.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.663	83	19063	19.620	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	12571m	19.443	ug/l	
77) Bromobenzene	12.693	156	22479	19.197	ug/l	98
78) n-propylbenzene	12.757	91	130424	19.932	ug/l	99
79) 2-Chlorotoluene	12.840	91	69680	19.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	85666	19.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	4542	17.320	ug/l #	100
82) 4-Chlorotoluene	12.940	91	71591	19.866	ug/l	100
83) tert-Butylbenzene	13.157	119	71493	18.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	85173	19.845	ug/l	98
85) sec-Butylbenzene	13.340	105	111592	19.037	ug/l	99
86) p-Isopropyltoluene	13.451	119	93975	19.628	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	46060	19.286	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	45246	19.266	ug/l	97
89) n-Butylbenzene	13.781	91	91759	19.613	ug/l	98
90) Hexachloroethane	14.040	117	17478	19.955	ug/l	99
91) 1,2-Dichlorobenzene	13.822	146	38756	18.660	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2691	19.710	ug/l	92
93) 1,2,4-Trichlorobenzene	15.087	180	26981	18.793	ug/l	97
94) Hexachlorobutadiene	15.192	225	14827	18.073	ug/l	100
95) Naphthalene	15.322	128	49949	18.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	22627	18.359	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074303.D
 Acq On : 15 Sep 2022 12:47
 Operator : VA/SY
 Sample : VD0915SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0915SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 12:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

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

