

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074483.D
 Acq On : 07 Oct 2022 11:03
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 02:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	94393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	165642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	147325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43275	51.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.200%			
35) Dibromofluoromethane	7.804	113	50422	46.163	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.320%			
50) Toluene-d8	10.269	98	211176	52.825	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.640%			
62) 4-Bromofluorobenzene	12.569	95	58962	47.517	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15686	18.829	ug/l	95
3) Chloromethane	2.146	50	22788	19.827	ug/l	88
4) Vinyl Chloride	2.275	62	20617	20.664	ug/l	97
5) Bromomethane	2.675	94	13071	22.389	ug/l	88
6) Chloroethane	2.828	64	14175	21.571	ug/l	95
7) Trichlorofluoromethane	3.163	101	35131	21.504	ug/l	100
8) Diethyl Ether	3.593	74	10121	20.033	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	22150	20.979	ug/l	99
10) Methyl Iodide	4.158	142	20564	18.586	ug/l	98
11) Tert butyl alcohol	5.052	59	8162	32.837	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	23645	21.256	ug/l	92
13) Acrolein	3.793	56	5771	104.297	ug/l	94
14) Allyl chloride	4.558	41	24547	19.277	ug/l	99
15) Acrylonitrile	5.257	53	20436	101.737	ug/l	99
16) Acetone	4.028	43	14487	73.182	ug/l	96
17) Carbon Disulfide	4.263	76	70905	20.197	ug/l	99
18) Methyl Acetate	4.558	43	9748	19.133	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	44227	20.173	ug/l	95
20) Methylene Chloride	4.805	84	25906	16.559	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	25934	21.078	ug/l	87
22) Diisopropyl ether	6.216	45	51438	19.820	ug/l #	95
23) Vinyl Acetate	6.157	43	102471	85.827	ug/l	96
24) 1,1-Dichloroethane	6.116	63	38188	20.275	ug/l	96
25) 2-Butanone	7.081	43	20450	85.011	ug/l	91
26) 2,2-Dichloropropane	7.075	77	30743	18.476	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	26597	20.437	ug/l	97
28) Bromochloromethane	7.422	49	10998	19.779	ug/l #	91
29) Tetrahydrofuran	7.446	42	13133	97.586	ug/l	91
30) Chloroform	7.593	83	38582	19.823	ug/l	96
31) Cyclohexane	7.875	56	33563	19.924	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	34411	20.016	ug/l	98
36) 1,1-Dichloropropene	8.004	75	30746	20.054	ug/l	99
37) Ethyl Acetate	7.175	43	9602	19.073	ug/l #	79
38) Carbon Tetrachloride	7.987	117	26922	19.816	ug/l	94
39) Methylcyclohexane	9.275	83	37657	20.031	ug/l	93
40) Benzene	8.251	78	89898	20.190	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074483.D
 Acq On : 07 Oct 2022 11:03
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 02:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5240	19.021	ug/l	94
42) 1,2-Dichloroethane	8.322	62	21127	20.042	ug/l	98
43) Isopropyl Acetate	8.363	43	18365	19.128	ug/l #	82
44) Trichloroethene	9.034	130	25619	20.477	ug/l	87
45) 1,2-Dichloropropane	9.304	63	20553	19.881	ug/l	99
46) Dibromomethane	9.393	93	11448	19.996	ug/l	95
47) Bromodichloromethane	9.581	83	28696	20.069	ug/l	95
48) Methyl methacrylate	9.375	41	8813	19.721	ug/l	93
49) 1,4-Dioxane	9.381	88	2552	418.530	ug/l #	66
51) 4-Methyl-2-Pentanone	10.157	43	47267	99.045	ug/l	96
52) Toluene	10.334	92	58305	20.717	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	24550	18.810	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	31407	19.531	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16038	19.922	ug/l	93
56) Ethyl methacrylate	10.598	69	17792	19.646	ug/l	94
57) 1,3-Dichloropropane	10.875	76	26667	20.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	11294	72.965	ug/l	100
59) 2-Hexanone	10.916	43	31348	95.786	ug/l	99
60) Dibromochloromethane	11.075	129	19046	20.302	ug/l	99
61) 1,2-Dibromoethane	11.181	107	14569	19.584	ug/l	98
64) Tetrachloroethene	10.810	164	20925	20.472	ug/l	96
65) Chlorobenzene	11.604	112	61212	20.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	20772	20.971	ug/l	98
67) Ethyl Benzene	11.681	91	112188	21.141	ug/l	95
68) m/p-Xylenes	11.792	106	88512	42.442	ug/l	97
69) o-Xylene	12.122	106	39938	20.843	ug/l	97
70) Styrene	12.134	104	69443	21.153	ug/l	98
71) Bromoform	12.298	173	10989	21.102	ug/l #	99
73) Isopropylbenzene	12.416	105	106670	20.889	ug/l	100
74) N-amyl acetate	12.228	43	17038	19.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	17610	20.745	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	10293m	19.311	ug/l	
77) Bromobenzene	12.698	156	23370	20.130	ug/l	94
78) n-propylbenzene	12.757	91	131956	21.151	ug/l	99
79) 2-Chlorotoluene	12.845	91	69801	21.007	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	87990	20.858	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4534	18.979	ug/l	90
82) 4-Chlorotoluene	12.945	91	71548	21.091	ug/l	99
83) tert-Butylbenzene	13.163	119	76525	21.081	ug/l	100
84) 1,2,4-Trimethylbenzene	13.204	105	88806	21.423	ug/l	100
85) sec-Butylbenzene	13.339	105	119016	21.284	ug/l	100
86) p-Isopropyltoluene	13.457	119	96758	20.976	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	49583	21.104	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	48075	20.555	ug/l	98
89) n-Butylbenzene	13.786	91	89742	20.772	ug/l	99
90) Hexachloroethane	14.051	117	16931	20.691	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	43492	21.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2263	18.200	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	25983	20.036	ug/l	99
94) Hexachlorobutadiene	15.198	225	14422	21.334	ug/l	97
95) Naphthalene	15.328	128	47899	19.359	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	23892	21.270	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
Data File : VD074483.D
Acq On : 07 Oct 2022 11:03
Operator : VA/SY
Sample : VD1007SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 02:23:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

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

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

