

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070817.D
 Acq On : 22 Oct 2021 11:28
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:57:20 AM

Quant Time: Oct 23 04:09:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	393989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	658587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	635856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242324	51.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.860%
35) Dibromofluoromethane	7.909	113	216542	51.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.332	98	818850	50.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.620	95	289931	52.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	93716	20.345	ug/l	95
3) Chloromethane	2.209	50	137838	20.166	ug/l	97
4) Vinyl Chloride	2.344	62	141648	20.223	ug/l	97
5) Bromomethane	2.750	94	82590	19.338	ug/l	98
6) Chloroethane	2.909	64	90596	20.539	ug/l	94
7) Trichlorofluoromethane	3.268	101	166105	20.978	ug/l	96
8) Diethyl Ether	3.709	74	42472	20.132	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.091	101	100806	21.284	ug/l	99
10) Methyl Iodide	4.303	142	76049	17.770	ug/l	95
11) Tert butyl alcohol	5.220	59	24613	94.218	ug/l #	96
12) 1,1-Dichloroethene	4.068	96	85080	19.866	ug/l	92
13) Acrolein	3.921	56	23088	91.314	ug/l	94
14) Allyl chloride	4.715	41	154899	19.108	ug/l #	90
15) Acrylonitrile	5.420	53	116561	104.929	ug/l	98
16) Acetone	4.150	43	111266	98.856	ug/l	97
17) Carbon Disulfide	4.403	76	302698	19.397	ug/l	99
18) Methyl Acetate	4.715	43	82015	20.963	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	189439	20.460	ug/l #	89
20) Methylene Chloride	4.956	84	139294	20.807	ug/l #	88
21) trans-1,2-Dichloroethene	5.468	96	101512	20.662	ug/l	92
22) Diisopropyl ether	6.356	45	343768	21.781	ug/l #	92
23) Vinyl Acetate	6.303	43	714053	96.130	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	211016	21.461	ug/l	97
25) 2-Butanone	7.209	43	137476	98.870	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	157684	20.277	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	107936	20.488	ug/l	89
28) Bromochloromethane	7.544	49	86383	22.099	ug/l	84
29) Tetrahydrofuran	7.556	42	87044	102.259	ug/l #	82
30) Chloroform	7.709	83	209447	21.803	ug/l	95
31) Cyclohexane	7.985	56	185732	19.673	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	176030	21.600	ug/l	96
36) 1,1-Dichloropropene	8.109	75	152055	20.725	ug/l	97
37) Ethyl Acetate	7.285	43	65725	21.623	ug/l	95
38) Carbon Tetrachloride	8.097	117	145830	20.752	ug/l	96
39) Methylcyclohexane	9.350	83	164529	19.886	ug/l #	87
40) Benzene	8.344	78	440740	20.859	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070817.D
 Acq On : 22 Oct 2021 11:28
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:57:20 AM

Quant Time: Oct 23 04:09:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	40107	22.054	ug/l #	76
42) 1,2-Dichloroethane	8.414	62	125218	20.881	ug/l	96
43) Isopropyl Acetate	8.450	43	118410	20.422	ug/l #	92
44) Trichloroethene	9.108	130	102072	20.571	ug/l	95
45) 1,2-Dichloropropane	9.379	63	117683	21.080	ug/l	95
46) Dibromomethane	9.467	93	55414	20.728	ug/l	98
47) Bromodichloromethane	9.656	83	147034	20.732	ug/l	98
48) Methyl methacrylate	9.450	41	56776	19.989	ug/l #	84
49) 1,4-Dioxane	9.450	88	12152	423.324	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	304732	99.712	ug/l	89
52) Toluene	10.397	92	264337	21.013	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	118012	18.629	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	143141	18.876	ug/l #	81
55) 1,1,2-Trichloroethane	10.791	97	77607	21.137	ug/l	96
56) Ethyl methacrylate	10.650	69	82425	19.284	ug/l #	77
57) 1,3-Dichloropropane	10.938	76	131727	20.221	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	176579	91.309	ug/l	94
59) 2-Hexanone	10.979	43	218403	101.530	ug/l	85
60) Dibromochloromethane	11.132	129	88926	21.073	ug/l	96
61) 1,2-Dibromoethane	11.238	107	69076	20.562	ug/l	100
64) Tetrachloroethene	10.867	164	81859	19.158	ug/l	90
65) Chlorobenzene	11.661	112	273883	21.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	101523	21.041	ug/l	98
67) Ethyl Benzene	11.738	91	480907	20.169	ug/l	99
68) m/p-Xylenes	11.850	106	374374	41.445	ug/l	95
69) o-Xylene	12.173	106	164779	20.109	ug/l	94
70) Styrene	12.185	104	305518	21.450	ug/l	98
71) Bromoform	12.349	173	49213	19.642	ug/l #	98
73) Isopropylbenzene	12.467	105	444276	20.577	ug/l	100
74) N-amyl acetate	12.279	43	113522	20.196	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	91111	21.333	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	57093m	21.808	ug/l	
77) Bromobenzene	12.749	156	103993	21.275	ug/l	97
78) n-propylbenzene	12.808	91	609751	21.727	ug/l	97
79) 2-Chlorotoluene	12.897	91	342359	21.109	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	393157	21.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18796	15.726	ug/l #	80
82) 4-Chlorotoluene	12.991	91	378596	22.068	ug/l	97
83) tert-Butylbenzene	13.208	119	315384	20.909	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	399273	22.002	ug/l	98
85) sec-Butylbenzene	13.391	105	504049	21.264	ug/l	100
86) p-Isopropyltoluene	13.502	119	404873	21.244	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	217322	21.173	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	219142	21.620	ug/l	100
89) n-Butylbenzene	13.832	91	400911	20.845	ug/l	98
90) Hexachloroethane	14.096	117	84243	20.485	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	189552	21.607	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	14354	21.071	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	97839	19.497	ug/l	98
94) Hexachlorobutadiene	15.249	225	62978	19.139	ug/l	97
95) Naphthalene	15.385	128	158186	19.373	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	88641	19.880	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
Data File : VD070817.D
Acq On : 22 Oct 2021 11:28
Operator : VA/SY
Sample : VD1022SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:20 AM

Quant Time: Oct 23 04:09:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

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

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

