

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069402.D
 Acq On : 09 Jun 2021 14:02
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:25:56 PM

Quant Time: Jun 10 04:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	380566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	644046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	620691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	311388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179294	49.100	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.200%		
35) Dibromofluoromethane	7.908	113	202042	49.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.920%		
50) Toluene-d8	10.338	98	704454	47.899	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.800%		
62) 4-Bromofluorobenzene	12.626	95	242316	50.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67101	16.750	ug/l	100
3) Chloromethane	2.209	50	66200	21.890	ug/l	99
4) Vinyl Chloride	2.350	62	81705	26.520	ug/l	99
5) Bromomethane	2.756	94	68511	30.481	ug/l	98
6) Chloroethane	2.915	64	58543	33.300	ug/l #	89
7) Trichlorofluoromethane	3.267	101	138461	19.322	ug/l	96
8) Diethyl Ether	3.709	74	35347	20.077	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	79636	18.872	ug/l	98
10) Methyl Iodide	4.303	142	67432	17.374	ug/l	99
11) Tert butyl alcohol	5.220	59	31900	129.922	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	72851	19.086	ug/l	91
13) Acrolein	3.926	56	14925	74.169	ug/l	93
14) Allyl chloride	4.709	41	86820	18.852	ug/l	99
15) Acrylonitrile	5.420	53	68224	99.404	ug/l	100
16) Acetone	4.156	43	54684	85.814	ug/l	96
17) Carbon Disulfide	4.409	76	231684	18.355	ug/l	97
18) Methyl Acetate	4.714	43	35889	20.812	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	136064	19.409	ug/l	99
20) Methylene Chloride	4.956	84	127885	23.896	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	89646	19.830	ug/l	89
22) Diisopropyl ether	6.356	45	184955	20.910	ug/l	92
23) Vinyl Acetate	6.303	43	474782	91.715	ug/l	99
24) 1,1-Dichloroethane	6.261	63	153389	20.723	ug/l	95
25) 2-Butanone	7.208	43	79448	94.748	ug/l	100
26) 2,2-Dichloropropane	7.203	77	127531	18.698	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	98417	20.553	ug/l	97
28) Bromochloromethane	7.544	49	54662	21.300	ug/l	94
29) Tetrahydrofuran	7.561	42	45416	94.233	ug/l	98
30) Chloroform	7.708	83	172936	21.371	ug/l	98
31) Cyclohexane	7.985	56	100345	17.294	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	147913	20.255	ug/l	99
36) 1,1-Dichloropropene	8.108	75	115221	18.405	ug/l	99
37) Ethyl Acetate	7.291	43	40266	18.943	ug/l #	94
38) Carbon Tetrachloride	8.091	117	127375	18.845	ug/l	98
39) Methylcyclohexane	9.355	83	107578	16.799	ug/l	97
40) Benzene	8.350	78	360026	19.802	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069402.D
 Acq On : 09 Jun 2021 14:02
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:25:56 PM

Quant Time: Jun 10 04:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20816m	20.171	ug/l	
42) 1,2-Dichloroethane	8.420	62	97876	20.172	ug/l	98
43) Isopropyl Acetate	8.450	43	71328	18.438	ug/l	98
44) Trichloroethene	9.108	130	100413	20.327	ug/l	90
45) 1,2-Dichloropropane	9.385	63	90437	20.892	ug/l	98
46) Dibromomethane	9.473	93	51443	20.792	ug/l	99
47) Bromodichloromethane	9.661	83	130268	20.418	ug/l	93
48) Methyl methacrylate	9.455	41	30271	16.855	ug/l #	80
49) 1,4-Dioxane	9.461	88	9616	395.648	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	189973	95.078	ug/l	98
52) Toluene	10.402	92	236264	20.588	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	109042	19.137	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	130968	19.279	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	71922	20.956	ug/l	94
56) Ethyl methacrylate	10.655	69	64813	18.323	ug/l	99
57) 1,3-Dichloropropane	10.944	76	113611	20.416	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	169630	105.553	ug/l	100
59) 2-Hexanone	10.979	43	122388	91.632	ug/l	96
60) Dibromochloromethane	11.138	129	91349	21.123	ug/l	98
61) 1,2-Dibromoethane	11.244	107	65134	19.896	ug/l	99
64) Tetrachloroethene	10.873	164	87125	20.166	ug/l	93
65) Chlorobenzene	11.667	112	251731	19.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	100622	21.173	ug/l	98
67) Ethyl Benzene	11.743	91	407304	18.691	ug/l	98
68) m/p-Xylenes	11.849	106	331708	38.846	ug/l	100
69) o-Xylene	12.179	106	142622	18.885	ug/l	98
70) Styrene	12.191	104	266135	20.300	ug/l	99
71) Bromoform	12.355	173	51509	20.897	ug/l #	100
73) Isopropylbenzene	12.473	105	384719	18.053	ug/l	100
74) N-amyl acetate	12.285	43	66601	17.697	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	77096	19.379	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	46219m	17.084	ug/l	
77) Bromobenzene	12.755	156	104493	20.360	ug/l	95
78) n-propylbenzene	12.814	91	485988	18.594	ug/l	100
79) 2-Chlorotoluene	12.902	91	285319	19.204	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	347790	19.270	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	20709	16.963	ug/l	92
82) 4-Chlorotoluene	13.002	91	305961	19.575	ug/l	99
83) tert-Butylbenzene	13.214	119	275256	18.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	340631	18.977	ug/l	96
85) sec-Butylbenzene	13.396	105	408142	18.295	ug/l	99
86) p-Isopropyltoluene	13.508	119	359660	18.438	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	206455	19.878	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	203358	19.645	ug/l	99
89) n-Butylbenzene	13.838	91	324868	17.800	ug/l	98
90) Hexachloroethane	14.102	117	71919	19.408	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	177109	19.789	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10637	16.784	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	97831	18.219	ug/l	98
94) Hexachlorobutadiene	15.261	225	61556	18.259	ug/l	97
95) Naphthalene	15.390	128	159755	17.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	66632	14.099	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069402.D
 Acq On : 09 Jun 2021 14:02
 Operator : VA/SY
 Sample : VD0609SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0609SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:25:56 PM

Quant Time: Jun 10 04:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

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

