

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069077.D
 Acq On : 06 May 2021 15:57
 Operator : VA/SY
 Sample : VD0506SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:25:58 PM

Quant Time: May 07 01:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	254152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	436787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	421701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152487	46.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.10%			
35) Dibromofluoromethane	7.914	113	161435	53.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.80%			
50) Toluene-d8	10.338	98	593079	53.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.26%			
62) 4-Bromofluorobenzene	12.626	95	194072	53.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	57728	18.68	ug/l	99
3) Chloromethane	2.209	50	70396	18.51	ug/l	95
4) Vinyl Chloride	2.344	62	94372	18.76	ug/l	93
5) Bromomethane	2.738	94	62790	20.98	ug/l	100
6) Chloroethane	2.903	64	56714	19.39	ug/l	97
7) Trichlorofluoromethane	3.256	101	103688	18.77	ug/l	91
8) Diethyl Ether	3.709	74	25779	19.21	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	57917	19.58	ug/l	97
10) Methyl Iodide	4.291	142	43269	18.36	ug/l	97
11) Tert butyl alcohol	5.226	59	24686	79.34	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	52396	19.67	ug/l	93
13) Acrolein	3.926	56	17114	87.19	ug/l	93
14) Allyl chloride	4.715	41	56961	16.60	ug/l	93
15) Acrylonitrile	5.420	53	53787	92.21	ug/l	95
16) Acetone	4.156	43	39248	67.23	ug/l	94
17) Carbon Disulfide	4.403	76	171734	19.07	ug/l	99
18) Methyl Acetate	4.709	43	23718	18.59	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	111853	18.37	ug/l	95
20) Methylene Chloride	4.962	84	97944	27.46	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	64379	20.34	ug/l	85
22) Diisopropyl ether	6.362	45	136080	17.76	ug/l #	94
23) Vinyl Acetate	6.303	43	357920	81.72	ug/l #	93
24) 1,1-Dichloroethane	6.267	63	104646	19.34	ug/l	98
25) 2-Butanone	7.209	43	55106	78.70	ug/l #	78
26) 2,2-Dichloropropane	7.209	77	90960	18.00	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	68306	20.00	ug/l	94
28) Bromochloromethane	7.544	49	39081	17.89	ug/l	87
29) Tetrahydrofuran	7.567	42	37150	86.24	ug/l	96
30) Chloroform	7.708	83	118010	19.50	ug/l	93
31) Cyclohexane	7.979	56	81259	17.10	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	106613	19.29	ug/l	97
36) 1,1-Dichloropropene	8.114	75	82599	17.97	ug/l	97
37) Ethyl Acetate	7.297	43	28876	16.67	ug/l	97
38) Carbon Tetrachloride	8.097	117	90809	18.22	ug/l	97
39) Methylcyclohexane	9.355	83	88964	17.70	ug/l	94
40) Benzene	8.350	78	247058	19.43	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069077.D
 Acq On : 06 May 2021 15:57
 Operator : VA/SY
 Sample : VD0506SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:25:58 PM

Quant Time: May 07 01:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	15338m	15.27	ug/l	
42) 1,2-Dichloroethane	8.420	62	71163	17.90	ug/l	98
43) Isopropyl Acetate	8.456	43	53267	16.40	ug/l	96
44) Trichloroethene	9.108	130	66172	19.58	ug/l	99
45) 1,2-Dichloropropane	9.385	63	57892	18.49	ug/l	96
46) Dibromomethane	9.473	93	35571	19.77	ug/l	93
47) Bromodichloromethane	9.661	83	89940	19.01	ug/l	96
48) Methyl methacrylate	9.455	41	22934	14.32	ug/l #	79
49) 1,4-Dioxane	9.461	88	7448	357.95	ug/l #	92
51) 4-Methyl-2-Pentanone	10.226	43	137581	82.74	ug/l	97
52) Toluene	10.402	92	161771	20.05	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	78439	19.08	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	91909	18.90	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	50260	21.03	ug/l	98
56) Ethyl methacrylate	10.655	69	47055	17.95	ug/l	92
57) 1,3-Dichloropropane	10.944	76	79924	19.84	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	135376	97.83	ug/l	95
59) 2-Hexanone	10.979	43	90851	80.95	ug/l	97
60) Dibromochloromethane	11.138	129	61420	19.32	ug/l	96
61) 1,2-Dibromoethane	11.244	107	45835	19.76	ug/l	97
64) Tetrachloroethene	10.873	164	56831	20.91	ug/l	96
65) Chlorobenzene	11.667	112	176121	20.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	66901	20.54	ug/l	99
67) Ethyl Benzene	11.744	91	290266	19.02	ug/l	100
68) m/p-Xylenes	11.849	106	228482	39.82	ug/l	95
69) o-Xylene	12.179	106	102567	19.94	ug/l	93
70) Styrene	12.191	104	183380	20.19	ug/l	98
71) Bromoform	12.355	173	35123	21.04	ug/l #	96
73) Isopropylbenzene	12.473	105	272560	18.30	ug/l	99
74) N-amyl acetate	12.285	43	46807	14.96	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.726	83	54312	18.60	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	40557m	21.65	ug/l	
77) Bromobenzene	12.755	156	68743	19.93	ug/l	91
78) n-propylbenzene	12.814	91	334722	18.29	ug/l	99
79) 2-Chlorotoluene	12.902	91	189345	18.55	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	235163	18.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	15216	17.67	ug/l	91
82) 4-Chlorotoluene	13.002	91	205465	18.81	ug/l	99
83) tert-Butylbenzene	13.220	119	190703	18.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	243187	19.19	ug/l	97
85) sec-Butylbenzene	13.396	105	273490	18.28	ug/l	98
86) p-Isopropyltoluene	13.508	119	250033	18.11	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	139056	20.09	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	136301	19.98	ug/l	99
89) n-Butylbenzene	13.838	91	225062	17.18	ug/l	98
90) Hexachloroethane	14.102	117	53012	18.68	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	120246	19.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8988	18.71	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	70793	19.83	ug/l	95
94) Hexachlorobutadiene	15.261	225	40540	19.61	ug/l	98
95) Naphthalene	15.390	128	122226	18.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	62361	20.22	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
Data File : VD069077.D
Acq On : 06 May 2021 15:57
Operator : VA/SY
Sample : VD0506SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0506SBS01

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:25:58 PM

Quant Time: May 07 01:09:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

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

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

