

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069166.D
 Acq On : 13 May 2021 19:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:49:23 PM

Quant Time: May 14 01:24:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	334755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	542147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	256374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	171698	51.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.32%			
35) Dibromofluoromethane	7.914	113	181821	49.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.94%			
50) Toluene-d8	10.338	98	684451	50.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.36%			
62) 4-Bromofluorobenzene	12.632	95	226976	52.23	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.46%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	160565	45.11	ug/l	95
3) Chloromethane	2.209	50	196931	48.14	ug/l	95
4) Vinyl Chloride	2.350	62	241387	44.77	ug/l	97
5) Bromomethane	2.768	94	198793	49.01	ug/l	97
6) Chloroethane	2.921	64	182592	52.65	ug/l	97
7) Trichlorofluoromethane	3.273	101	297554	45.24	ug/l	99
8) Diethyl Ether	3.715	74	86873	57.85	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	175210	47.00	ug/l	99
10) Methyl Iodide	4.303	142	174679	45.12	ug/l	98
11) Tert butyl alcohol	5.226	59	55366m	329.73	ug/l	
12) 1,1-Dichloroethene	4.067	96	167287	49.95	ug/l	99
13) Acrolein	3.926	56	68932	252.45	ug/l	99
14) Allyl chloride	4.715	41	198236	53.96	ug/l	96
15) Acrylonitrile	5.420	53	159354	284.33	ug/l	98
16) Acetone	4.156	43	119055	231.63	ug/l	100
17) Carbon Disulfide	4.409	76	534233	48.12	ug/l	98
18) Methyl Acetate	4.715	43	69089	55.32	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	365156	60.08	ug/l	96
20) Methylene Chloride	4.967	84	230368	56.22	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	205826	51.83	ug/l	96
22) Diisopropyl ether	6.367	45	416990	56.83	ug/l	96
23) Vinyl Acetate	6.309	43	1282586	296.19	ug/l	98
24) 1,1-Dichloroethane	6.267	63	336276	53.05	ug/l	99
25) 2-Butanone	7.214	43	194638	279.46	ug/l	95
26) 2,2-Dichloropropane	7.209	77	284771	48.04	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	232002	53.81	ug/l	97
28) Bromochloromethane	7.550	49	121004	53.55	ug/l	97
29) Tetrahydrofuran	7.561	42	110723	292.45	ug/l	97
30) Chloroform	7.714	83	369552	51.78	ug/l	98
31) Cyclohexane	7.985	56	233371	46.92	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	318210	49.14	ug/l	98
36) 1,1-Dichloropropene	8.114	75	271870	49.51	ug/l	98
37) Ethyl Acetate	7.297	43	85634	48.54	ug/l #	95
38) Carbon Tetrachloride	8.097	117	287525	46.84	ug/l	97
39) Methylcyclohexane	9.355	83	286779	49.51	ug/l	96
40) Benzene	8.350	78	801899	50.98	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069166.D
 Acq On : 13 May 2021 19:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:49:23 PM

Quant Time: May 14 01:24:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43087	45.88	ug/l #	100
42) 1,2-Dichloroethane	8.426	62	221921	51.67	ug/l	98
43) Isopropyl Acetate	8.456	43	181998	56.81	ug/l	99
44) Trichloroethene	9.114	130	219111	49.84	ug/l	96
45) 1,2-Dichloropropane	9.391	63	192350	51.81	ug/l	97
46) Dibromomethane	9.473	93	115799	52.18	ug/l	98
47) Bromodichloromethane	9.661	83	289001	51.17	ug/l	96
48) Methyl methacrylate	9.455	41	82279	55.53	ug/l	93
49) 1,4-Dioxane	9.467	88	23112	1068.13	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	472937	286.91	ug/l	99
52) Toluene	10.402	92	525655	51.78	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	263826	53.16	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	305566	51.51	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	156858	52.44	ug/l	98
56) Ethyl methacrylate	10.661	69	179151	54.77	ug/l	98
57) 1,3-Dichloropropane	10.944	76	259357	53.65	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	411704	278.02	ug/l	100
59) 2-Hexanone	10.985	43	316828	288.03	ug/l	99
60) Dibromochloromethane	11.138	129	201029	52.33	ug/l	99
61) 1,2-Dibromoethane	11.244	107	152959	51.74	ug/l	99
64) Tetrachloroethene	10.879	164	181164	48.08	ug/l	97
65) Chlorobenzene	11.667	112	568569	50.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	214926	50.72	ug/l	99
67) Ethyl Benzene	11.744	91	997744	51.59	ug/l	95
68) m/p-Xylenes	11.849	106	783632	103.41	ug/l	99
69) o-Xylene	12.179	106	360096	53.43	ug/l	99
70) Styrene	12.191	104	631577	53.69	ug/l	98
71) Bromoform	12.355	173	113550	51.52	ug/l #	100
73) Isopropylbenzene	12.479	105	952645	53.16	ug/l	100
74) N-amyl acetate	12.285	43	170492	58.18	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	170453	52.49	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	112272m	58.26	ug/l	
77) Bromobenzene	12.761	156	230369	54.18	ug/l	99
78) n-propylbenzene	12.814	91	1143534	52.89	ug/l	99
79) 2-Chlorotoluene	12.902	91	642672	53.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	803355	54.38	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	50301	52.72	ug/l	96
82) 4-Chlorotoluene	13.002	91	669021	52.20	ug/l	99
83) tert-Butylbenzene	13.220	119	681418	55.35	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	796911	53.62	ug/l	98
85) sec-Butylbenzene	13.396	105	978931	52.88	ug/l	99
86) p-Isopropyltoluene	13.514	119	867371	53.32	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	443507	51.54	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	438704	51.47	ug/l	100
89) n-Butylbenzene	13.838	91	793091	52.33	ug/l	100
90) Hexachloroethane	14.108	117	150465	49.36	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	393308	53.22	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	25567	50.73	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	241696	53.36	ug/l	99
94) Hexachlorobutadiene	15.261	225	130142	47.88	ug/l	97
95) Naphthalene	15.396	128	450755	53.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	210948	54.44	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069166.D
Acq On : 13 May 2021 19:25
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/14/2021 6:49:23 PM

Quant Time: May 14 01:24:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

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

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

