

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070271.D
 Acq On : 26 Aug 2021 15:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:46:15 PM

Quant Time: Aug 27 01:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	406527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	719044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	344987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	263092	55.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.040%			
35) Dibromofluoromethane	7.914	113	265833	56.783	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.560%			
50) Toluene-d8	10.337	98	1016093	55.802	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.600%			
62) 4-Bromofluorobenzene	12.625	95	333097	55.539	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	161993	40.302	ug/l	97
3) Chloromethane	2.208	50	249272	43.665	ug/l	98
4) Vinyl Chloride	2.344	62	272477	39.604	ug/l	100
5) Bromomethane	2.761	94	200880	53.520	ug/l	89
6) Chloroethane	2.914	64	181865	41.377	ug/l	100
7) Trichlorofluoromethane	3.267	101	401585	48.598	ug/l	99
8) Diethyl Ether	3.708	74	108652	45.945	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	235150	44.730	ug/l	97
10) Methyl Iodide	4.296	142	225937	47.005	ug/l	98
11) Tert butyl alcohol	5.232	59	68081	257.609	ug/l	96
12) 1,1-Dichloroethene	4.067	96	206704	42.798	ug/l	93
13) Acrolein	3.920	56	66624	218.858	ug/l	96
14) Allyl chloride	4.714	41	327513	45.447	ug/l	98
15) Acrylonitrile	5.420	53	268915	245.236	ug/l	97
16) Acetone	4.161	43	197786	224.549	ug/l	96
17) Carbon Disulfide	4.402	76	714799	40.935	ug/l	99
18) Methyl Acetate	4.720	43	138379	52.694	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	496655	49.549	ug/l	100
20) Methylene Chloride	4.961	84	312870	52.531	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	262685	46.824	ug/l	99
22) Diisopropyl ether	6.361	45	782510	51.629	ug/l	98
23) Vinyl Acetate	6.308	43	1757767	255.904	ug/l	98
24) 1,1-Dichloroethane	6.261	63	507149	48.906	ug/l	99
25) 2-Butanone	7.214	43	298390	247.920	ug/l	99
26) 2,2-Dichloropropane	7.208	77	381662	47.270	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	293864	49.324	ug/l	97
28) Bromochloromethane	7.543	49	191271	50.687	ug/l	97
29) Tetrahydrofuran	7.561	42	194377	246.638	ug/l	98
30) Chloroform	7.708	83	515936	50.591	ug/l	100
31) Cyclohexane	7.985	56	386354	40.824	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	411420	48.276	ug/l	98
36) 1,1-Dichloropropene	8.108	75	361960	46.432	ug/l	98
37) Ethyl Acetate	7.296	43	147602	52.128	ug/l	98
38) Carbon Tetrachloride	8.096	117	341988	48.323	ug/l	92
39) Methylcyclohexane	9.355	83	400880	44.168	ug/l	98
40) Benzene	8.349	78	1120337	49.549	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070271.D
 Acq On : 26 Aug 2021 15:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:46:15 PM

Quant Time: Aug 27 01:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	82834	54.110	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	299074	51.611	ug/l	97
43) Isopropyl Acetate	8.449	43	267430	50.590	ug/l	98
44) Trichloroethene	9.108	130	263710	48.280	ug/l	99
45) 1,2-Dichloropropane	9.384	63	304313	51.814	ug/l	99
46) Dibromomethane	9.467	93	150545	52.774	ug/l	97
47) Bromodichloromethane	9.661	83	395007	53.521	ug/l	96
48) Methyl methacrylate	9.455	41	130513	51.773	ug/l	95
49) 1,4-Dioxane	9.461	88	30366	978.147	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	728890	265.180	ug/l	99
52) Toluene	10.396	92	700659	50.911	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	337436	51.617	ug/l	97
54) cis-1,3-Dichloropropene	10.084	75	407148	51.313	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	210513	52.084	ug/l	96
56) Ethyl methacrylate	10.655	69	232952	50.647	ug/l	97
57) 1,3-Dichloropropane	10.943	76	362616	51.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	713061	293.934	ug/l	99
59) 2-Hexanone	10.978	43	486570	264.326	ug/l	98
60) Dibromochloromethane	11.137	129	240777	52.003	ug/l	99
61) 1,2-Dibromoethane	11.243	107	193476	52.875	ug/l	99
64) Tetrachloroethene	10.873	164	211735	45.645	ug/l	97
65) Chlorobenzene	11.667	112	718453	47.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	263712	49.429	ug/l	99
67) Ethyl Benzene	11.737	91	1277925	48.110	ug/l	99
68) m/p-Xylenes	11.849	106	1006248	97.752	ug/l	99
69) o-Xylene	12.173	106	453427	48.818	ug/l	100
70) Styrene	12.190	104	827692	50.880	ug/l	99
71) Bromoform	12.349	173	128037	49.257	ug/l #	100
73) Isopropylbenzene	12.473	105	1201081	47.743	ug/l	98
74) N-amyl acetate	12.278	43	253547	46.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	244555	48.719	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	162573m	46.467	ug/l	
77) Bromobenzene	12.755	156	268945	48.165	ug/l	98
78) n-propylbenzene	12.814	91	1562916	48.173	ug/l	99
79) 2-Chlorotoluene	12.896	91	881352	47.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1029026	48.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	67560	50.123	ug/l	97
82) 4-Chlorotoluene	12.996	91	939232	48.054	ug/l	100
83) tert-Butylbenzene	13.214	119	825469	47.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1038485	48.880	ug/l	100
85) sec-Butylbenzene	13.390	105	1317201	47.226	ug/l	99
86) p-Isopropyltoluene	13.508	119	1069533	47.465	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	562917	47.448	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	550481	46.846	ug/l	99
89) n-Butylbenzene	13.831	91	1035565	46.833	ug/l	99
90) Hexachloroethane	14.102	117	224596	47.233	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	491359	48.334	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	33620	44.840	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	264456	46.779	ug/l	100
94) Hexachlorobutadiene	15.255	225	150242	44.990	ug/l	99
95) Naphthalene	15.384	128	484344	47.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	231666	46.944	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
Data File : VD070271.D
Acq On : 26 Aug 2021 15:17
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/27/2021 4:46:15 PM

Quant Time: Aug 27 01:23:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

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

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

