

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064657.D
 Acq On : 27 Dec 2019 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:03:21 AM

Quant Time: Dec 30 04:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	374988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	560460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	506257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	186116	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
35) Dibromofluoromethane	7.92	113	184102	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.34	98	706242	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.64	95	225006	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	139509	47.872	ug/l	100
3) Chloromethane	2.21	50	213713	52.436	ug/l	98
4) Vinyl Chloride	2.35	62	251312	50.572	ug/l	96
5) Bromomethane	2.77	94	182731	50.573	ug/l	92
6) Chloroethane	2.92	64	174024	52.263	ug/l	99
7) Trichlorofluoromethane	3.27	101	428844	51.252	ug/l	99
8) Diethyl Ether	3.71	74	90288	54.339	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	169130	48.807	ug/l	99
10) Methyl Iodide	4.29	142	203718	54.730	ug/l	99
11) Tert butyl alcohol	5.25	59	53399	281.785	ug/l	97
12) 1,1-Dichloroethene	4.06	96	162481	49.250	ug/l	99
13) Acrolein	3.93	56	75268	284.998	ug/l	96
14) Allyl chloride	4.71	41	270390	52.567	ug/l	99
15) Acrylonitrile	5.43	53	188536	272.413	ug/l	98
16) Acetone	4.17	43	174925	251.408	ug/l	96
17) Carbon Disulfide	4.40	76	520546	48.797	ug/l	99
18) Methyl Acetate	4.73	43	99979	53.707	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	406261	55.441	ug/l	98
20) Methylene Chloride	4.96	84	190231	56.930	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	194316	51.719	ug/l	98
22) Diisopropyl ether	6.37	45	567408	55.305	ug/l	98
23) Vinyl Acetate	6.31	43	1621294	278.580	ug/l	99
24) 1,1-Dichloroethane	6.27	63	331253	53.782	ug/l	97
25) 2-Butanone	7.22	43	248450	273.351	ug/l	98
26) 2,2-Dichloropropane	7.21	77	270538	47.243	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	217537	53.649	ug/l	98
28) Bromochloromethane	7.55	49	142466	59.504	ug/l	99
29) Tetrahydrofuran	7.57	42	158072	279.662	ug/l	100
30) Chloroform	7.71	83	348409	53.917	ug/l	99
31) Cyclohexane	7.98	56	292440	47.433	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	314433	51.805	ug/l	100
36) 1,1-Dichloropropene	8.11	75	262672	48.693	ug/l	99
37) Ethyl Acetate	7.30	43	111918	52.811	ug/l	98
38) Carbon Tetrachloride	8.10	117	289261	50.288	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064657.D
 Acq On : 27 Dec 2019 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:03:21 AM

Quant Time: Dec 30 04:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	314976	48.209	ug/l	100
40) Benzene	8.36	78	759465	51.573	ug/l	97
41) Methacrylonitrile	7.54	41	62582	50.898	ug/l	90
42) 1,2-Dichloroethane	8.43	62	227585	53.480	ug/l	99
43) Isopropyl Acetate	8.46	43	224329	53.183	ug/l	99
44) Trichloroethene	9.11	130	219798	50.808	ug/l	98
45) 1,2-Dichloropropane	9.39	63	188837	53.707	ug/l	100
46) Dibromomethane	9.48	93	105402	53.768	ug/l	99
47) Bromodichloromethane	9.67	83	272605	52.260	ug/l	99
48) Methyl methacrylate	9.46	41	103005	51.863	ug/l	89
49) 1,4-Dioxane	9.47	88	24544	1085.831	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	563490	270.270	ug/l	100
52) Toluene	10.40	92	499707	51.722	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	254702	52.372	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	302123	52.685	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	140340	53.121	ug/l	97
56) Ethyl methacrylate	10.66	69	180641	54.750	ug/l	100
57) 1,3-Dichloropropane	10.95	76	238307	52.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	326873	260.036	ug/l	99
59) 2-Hexanone	10.99	43	392502	277.372	ug/l	98
60) Dibromochloromethane	11.14	129	193093	52.854	ug/l	99
61) 1,2-Dibromoethane	11.25	107	140644	53.975	ug/l	98
64) Tetrachloroethene	10.88	164	204014	52.528	ug/l	97
65) Chlorobenzene	11.67	112	543341	51.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	204456	51.616	ug/l	99
67) Ethyl Benzene	11.75	91	967807	50.747	ug/l	99
68) m/p-Xylenes	11.86	106	738759	100.359	ug/l	98
69) o-Xylene	12.18	106	338140	50.856	ug/l	98
70) Styrene	12.20	104	598140	51.251	ug/l	99
71) Bromoform	12.37	173	117752	52.128	ug/l #	100
73) Isopropylbenzene	12.48	105	909002	50.701	ug/l	99
74) N-amyl acetate	12.29	43	202622	52.869	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	147977	52.541	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	113760m	57.422	ug/l	
77) Bromobenzene	12.77	156	229271	52.044	ug/l	99
78) n-propylbenzene	12.83	91	1047534	50.083	ug/l	99
79) 2-Chlorotoluene	12.91	91	578130	50.316	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	746135	50.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	48370	51.064	ug/l	97
82) 4-Chlorotoluene	13.01	91	610770	49.950	ug/l	99
83) tert-Butylbenzene	13.23	119	648259	50.696	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	749109	51.072	ug/l	99
85) sec-Butylbenzene	13.41	105	877896	50.078	ug/l	100
86) p-Isopropyltoluene	13.53	119	842478	50.260	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	426835	50.825	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	419417	50.838	ug/l	99
89) n-Butylbenzene	13.85	91	756058	50.086	ug/l	99
90) Hexachloroethane	14.12	117	157097	49.062	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	365746	51.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23027	50.434	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064657.D
Acq On : 27 Dec 2019 22:28
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
12/30/2019 11:03:21 AM

Quant Time: Dec 30 04:02:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	266911	50.620	ug/l	99
94) Hexachlorobutadiene	15.28	225	157048	47.332	ug/l	98
95) Naphthalene	15.41	128	434742	52.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	225551	50.107	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064657.D
 Acq On : 27 Dec 2019 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:03:21 AM

Quant Time: Dec 30 04:02:20 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

