

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062096.D
 Acq On : 1 May 2019 11:47
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 01:00:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	618588	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	1001848	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	772560	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	377844	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	259844	53.67	ug/l	-0.03
Spiked Amount			Recovery	=	107.34%	
35) Dibromofluoromethane	6.89	113	361995	52.25	ug/l	-0.04
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	10.38	98	920818	55.85	ug/l	-0.04
Spiked Amount			Recovery	=	111.70%	
62) 4-Bromofluorobenzene	13.54	95	351001	53.08	ug/l	-0.02
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	254111	46.005	ug/l	98
3) Chloromethane	1.74	50	197902	42.155	ug/l	98
4) Vinyl Chloride	1.83	62	200658	47.158	ug/l	99
5) Bromomethane	2.14	94	60075	54.767	ug/l	93
6) Chloroethane	2.25	64	82923	53.913	ug/l	100
7) Trichlorofluoromethane	2.51	101	352999	54.868	ug/l	99
8) Diethyl Ether	2.85	74	79957	46.371	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.13	101	296356	50.005	ug/l	99
10) Methyl Iodide	3.28	142	411906	46.095	ug/l	96
11) Tert butyl alcohol	4.03	59	74541	272.502	ug/l #	95
12) 1,1-Dichloroethene	3.11	96	243811	48.354	ug/l	94
13) Acrolein	3.02	56	71545	252.080	ug/l	92
14) Allyl chloride	3.60	41	349969	50.830	ug/l	99
15) Acrylonitrile	4.16	53	220402	260.204	ug/l	97
16) Acetone	3.19	43	343935	297.525	ug/l	97
17) Carbon Disulfide	3.35	76	656088	45.029	ug/l	99
18) Methyl Acetate	3.62	43	111528	53.342	ug/l	99
19) Methyl tert-butyl Ether	4.21	73	480829	48.062	ug/l	94
20) Methylene Chloride	3.79	84	272092	48.237	ug/l	97
21) trans-1,2-Dichloroethene	4.19	96	260588	45.051	ug/l	94
22) Diisopropyl ether	5.08	45	755906	47.025	ug/l	96
23) Vinyl Acetate	5.01	43	2161616	258.221	ug/l	99
24) 1,1-Dichloroethane	4.94	63	450538	46.372	ug/l	98
25) 2-Butanone	6.04	43	363077	259.054	ug/l	98
26) 2,2-Dichloropropane	5.99	77	416586	49.149	ug/l	99
27) cis-1,2-Dichloroethene	6.00	96	300130	45.611	ug/l	98
28) Bromochloromethane	6.40	49	172699	46.456	ug/l	99
29) Tetrahydrofuran	6.42	42	158678	229.775	ug/l	96
30) Chloroform	6.64	83	522565	47.354	ug/l	99
31) Cyclohexane	6.92	56	339656	47.099	ug/l	99
32) 1,1,1-Trichloroethane	6.83	97	449098	46.773	ug/l	97
36) 1,1-Dichloropropene	7.12	75	399993	51.245	ug/l	98
37) Ethyl Acetate	6.15	43	160399	48.223	ug/l	98
38) Carbon Tetrachloride	7.08	117	495401m	50.087	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062096.D
 Acq On : 1 May 2019 11:47
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 01:00:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	399538	51.881	ug/l	96
40) Benzene	7.43	78	916946	47.452	ug/l	97
41) Methacrylonitrile	6.40	41	185875	47.894	ug/l #	94
42) 1,2-Dichloroethane	7.54	62	342916	52.265	ug/l	97
43) Isopropyl Acetate	9.21	43	239144	49.206	ug/l	100
44) Trichloroethene	8.51	130	359538	47.993	ug/l	99
45) 1,2-Dichloropropane	8.91	63	235873	48.115	ug/l	97
46) Dibromomethane	9.04	93	165550	46.932	ug/l	93
47) Bromodichloromethane	9.35	83	420665	50.471	ug/l	99
48) Methyl methacrylate	9.09	41	137446	49.568	ug/l	95
49) 1,4-Dioxane	9.05	88	29747	995.037	ug/l	96
51) 4-Methyl-2-Pentanone	10.27	43	735685	247.523	ug/l	98
52) Toluene	10.48	92	626116	50.817	ug/l	96
53) t-1,3-Dichloropropene	10.89	75	355399	50.800	ug/l	98
54) cis-1,3-Dichloropropene	10.01	75	450900	52.991	ug/l	98
55) 1,1,2-Trichloroethane	11.17	97	190613	46.081	ug/l	97
56) Ethyl methacrylate	11.02	69	229906	50.184	ug/l	96
57) 1,3-Dichloropropane	11.38	76	311308	48.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	473130	222.130	ug/l	99
59) 2-Hexanone	11.51	43	600291	269.241	ug/l	98
60) Dibromochloromethane	11.66	129	341704	49.925	ug/l	98
61) 1,2-Dibromoethane	11.79	107	241469	49.210	ug/l	95
64) Tetrachloroethene	11.24	164	282880	51.329	ug/l	98
65) Chlorobenzene	12.38	112	722534	49.493	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	319567	51.606	ug/l	98
67) Ethyl Benzene	12.51	91	1194668	50.138	ug/l	100
68) m/p-Xylenes	12.65	106	815533	94.698	ug/l	98
69) o-Xylene	13.04	106	383922	48.723	ug/l	96
70) Styrene	13.06	104	712378	52.359	ug/l	99
71) Bromoform	13.21	173	196769	55.736	ug/l	99
73) Isopropylbenzene	13.39	105	1080530	42.870	ug/l	97
74) N-amyl acetate	13.25	43	314245	48.411	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	242185	49.033	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	243529	50.756	ug/l	97
77) Bromobenzene	13.66	156	346881	47.975	ug/l	96
78) n-propylbenzene	13.76	91	1294334	44.859	ug/l	97
79) 2-Chlorotoluene	13.82	91	771583	44.148	ug/l	99
80) 1,3,5-Trimethylbenzene	13.92	105	825188	41.059	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.46	75	68911	47.394	ug/l	98
82) 4-Chlorotoluene	13.93	91	843045	43.801	ug/l	96
83) tert-Butylbenzene	14.18	119	1109025	47.635	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	951795	49.599	ug/l	99
85) sec-Butylbenzene	14.36	105	1246422	49.548	ug/l	96
86) p-Isopropyltoluene	14.47	119	1028246	45.671	ug/l	95
87) 1,3-Dichlorobenzene	14.44	146	588496	46.478	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	565390	47.747	ug/l	94
89) n-Butylbenzene	14.79	91	929509	45.987	ug/l	97
90) Hexachloroethane	15.00	117	293853	48.268	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	465056	44.526	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	33598	46.250	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
Data File : VD062096.D
Acq On : 1 May 2019 11:47
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: May 02 01:00:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	259257	46.004	ug/l	96
94) Hexachlorobutadiene	16.03	225	192639	46.192	ug/l	99
95) Naphthalene	16.11	128	436038	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	157343	49.208	ug/l	98

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

