

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064017.D
 Acq On : 23 Oct 2019 13:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:53:14 PM

Quant Time: Oct 24 06:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	201247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	304631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	299222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	84766	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	
35) Dibromofluoromethane	7.92	113	95452	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.34	98	379684	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.64	95	128540	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	68105	47.720	ug/l	100
3) Chloromethane	2.21	50	184459	47.641	ug/l	92
4) Vinyl Chloride	2.35	62	226928	49.196	ug/l	99
5) Bromomethane	2.77	94	140168	47.266	ug/l	98
6) Chloroethane	2.93	64	143848	47.155	ug/l	89
7) Trichlorofluoromethane	3.27	101	326336	53.509	ug/l	98
8) Diethyl Ether	3.71	74	43027	43.955	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	89298	52.896	ug/l	96
10) Methyl Iodide	4.29	142	106620	45.835	ug/l	99
11) Tert butyl alcohol	5.24	59	30867	226.000	ug/l	98
12) 1,1-Dichloroethene	4.06	96	81790	48.493	ug/l	95
13) Acrolein	3.93	56	39914	228.090	ug/l	93
14) Allyl chloride	4.71	41	126689	45.180	ug/l	97
15) Acrylonitrile	5.43	53	98983	229.353	ug/l	98
16) Acetone	4.16	43	110028	215.695	ug/l	91
17) Carbon Disulfide	4.40	76	252620	41.204	ug/l	98
18) Methyl Acetate	4.72	43	44591	44.693	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	197252	45.164	ug/l	93
20) Methylene Chloride	4.96	84	104427	45.889	ug/l	94
21) trans-1,2-Dichloroethene	5.46	96	101594	48.387	ug/l	97
22) Diisopropyl ether	6.37	45	264180	46.130	ug/l	94
23) Vinyl Acetate	6.31	43	762015	223.672	ug/l	98
24) 1,1-Dichloroethane	6.27	63	168623	47.802	ug/l	96
25) 2-Butanone	7.23	43	133570	220.946	ug/l	91
26) 2,2-Dichloropropane	7.21	77	155748	48.809	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	116360	48.962	ug/l	97
28) Bromochloromethane	7.55	49	66097	49.312	ug/l	96
29) Tetrahydrofuran	7.57	42	75631	214.339	ug/l	99
30) Chloroform	7.71	83	185993	48.545	ug/l	93
31) Cyclohexane	7.98	56	152422	52.459	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	163412	49.722	ug/l	98
36) 1,1-Dichloropropene	8.11	75	146470	52.586	ug/l	95
37) Ethyl Acetate	7.30	43	49537	43.864	ug/l #	93
38) Carbon Tetrachloride	8.10	117	153248	54.446	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064017.D
 Acq On : 23 Oct 2019 13:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:53:14 PM

Quant Time: Oct 24 06:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	184793	53.959	ug/l	93
40) Benzene	8.35	78	408607	51.192	ug/l	99
41) Methacrylonitrile	7.53	41	32324	50.055	ug/l #	86
42) 1,2-Dichloroethane	8.43	62	110295	47.770	ug/l	98
43) Isopropyl Acetate	8.46	43	102860	44.035	ug/l	98
44) Trichloroethene	9.11	130	120628	52.409	ug/l	88
45) 1,2-Dichloropropane	9.39	63	97846	50.083	ug/l	93
46) Dibromomethane	9.48	93	54869	49.314	ug/l	98
47) Bromodichloromethane	9.67	83	143497	50.092	ug/l	94
48) Methyl methacrylate	9.46	41	51565	46.074	ug/l	96
49) 1,4-Dioxane	9.47	88	14739	970.463	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	275212	227.179	ug/l	100
52) Toluene	10.40	92	293506	53.565	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	137152	49.064	ug/l	90
54) cis-1,3-Dichloropropene	10.09	75	162323	50.446	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	80407	51.182	ug/l	86
56) Ethyl methacrylate	10.66	69	94393	47.447	ug/l	94
57) 1,3-Dichloropropane	10.95	76	132713	49.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	204807	239.499	ug/l	97
59) 2-Hexanone	10.99	43	207534	236.826	ug/l	98
60) Dibromochloromethane	11.14	129	104711	51.196	ug/l	98
61) 1,2-Dibromoethane	11.25	107	79174	51.984	ug/l	97
64) Tetrachloroethene	10.88	164	106647	52.208	ug/l	92
65) Chlorobenzene	11.67	112	319770	53.213	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	118447	53.493	ug/l	96
67) Ethyl Benzene	11.75	91	577902	53.333	ug/l	98
68) m/p-Xylenes	11.85	106	463744	110.881	ug/l	96
69) o-Xylene	12.18	106	212063	52.952	ug/l	95
70) Styrene	12.20	104	367032	54.138	ug/l	98
71) Bromoform	12.36	173	63919	53.789	ug/l #	98
73) Isopropylbenzene	12.48	105	584995	51.135	ug/l	97
74) N-amyl acetate	12.29	43	106390	43.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	91800	46.113	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	62624m	54.943	ug/l	
77) Bromobenzene	12.77	156	141598	49.679	ug/l	94
78) n-propylbenzene	12.83	91	697476	51.940	ug/l	99
79) 2-Chlorotoluene	12.91	91	371908	50.228	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	503398	52.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	28353	44.019	ug/l	96
82) 4-Chlorotoluene	13.01	91	384641	48.970	ug/l	97
83) tert-Butylbenzene	13.23	119	437825	51.544	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	491354	49.937	ug/l	97
85) sec-Butylbenzene	13.40	105	616234	53.720	ug/l	100
86) p-Isopropyltoluene	13.52	119	579852	53.419	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	290675	51.613	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	284202	51.152	ug/l	98
89) n-Butylbenzene	13.85	91	532763	52.728	ug/l	99
90) Hexachloroethane	14.12	117	104991	53.778	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	247150	50.923	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14708	47.425	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
Data File : VD064017.D
Acq On : 23 Oct 2019 13:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:53:14 PM

Quant Time: Oct 24 06:32:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	186072	49.687	ug/l	99
94) Hexachlorobutadiene	15.27	225	113645	54.992	ug/l	96
95) Naphthalene	15.41	128	311233	49.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	161322	49.929	ug/l	98

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

