

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064238.D
 Acq On : 15 Nov 2019 20:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:23:37 PM

Quant Time: Nov 18 00:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	584072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	862157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	767373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	256575	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.92	113	258425	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.34	98	930066	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.64	95	323293	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	233247	48.151	ug/l	97
3) Chloromethane	2.21	50	284748	54.802	ug/l	99
4) Vinyl Chloride	2.35	62	328145	59.057	ug/l	98
5) Bromomethane	2.77	94	233904	66.666	ug/l	97
6) Chloroethane	2.92	64	230141	64.821	ug/l	99
7) Trichlorofluoromethane	3.27	101	560569	62.226	ug/l	98
8) Diethyl Ether	3.70	74	148532	59.965	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	262132	50.910	ug/l	98
10) Methyl Iodide	4.29	142	310095	52.647	ug/l	99
11) Tert butyl alcohol	5.25	59	96595	287.902	ug/l	97
12) 1,1-Dichloroethene	4.06	96	257141	52.394	ug/l	96
13) Acrolein	3.93	56	91926	323.870	ug/l	99
14) Allyl chloride	4.71	41	440183	50.727	ug/l	97
15) Acrylonitrile	5.43	53	315258	298.547	ug/l	99
16) Acetone	4.17	43	235628	207.057	ug/l	99
17) Carbon Disulfide	4.40	76	765214	50.066	ug/l	99
18) Methyl Acetate	4.73	43	181331	57.051	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	681066	58.130	ug/l	96
20) Methylene Chloride	4.96	84	303148	52.737	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	297131	53.437	ug/l	99
22) Diisopropyl ether	6.37	45	904904	56.204	ug/l	98
23) Vinyl Acetate	6.31	43	2681719	298.807	ug/l	99
24) 1,1-Dichloroethane	6.27	63	520130	55.639	ug/l	99
25) 2-Butanone	7.23	43	397560	270.409	ug/l	100
26) 2,2-Dichloropropane	7.21	77	440851	48.087	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	344653	57.799	ug/l	94
28) Bromochloromethane	7.55	49	199190	61.202	ug/l	98
29) Tetrahydrofuran	7.57	42	258783	292.961	ug/l	97
30) Chloroform	7.71	83	554566	57.994	ug/l	98
31) Cyclohexane	7.99	56	441188	46.795	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	485086	52.979	ug/l	100
36) 1,1-Dichloropropene	8.11	75	401356	50.441	ug/l	100
37) Ethyl Acetate	7.30	43	183123	54.591	ug/l	99
38) Carbon Tetrachloride	8.10	117	436212	51.234	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064238.D
 Acq On : 15 Nov 2019 20:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:23:37 PM

Quant Time: Nov 18 00:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	488993	48.567	ug/l	97
40) Benzene	8.35	78	1156273	53.171	ug/l	99
41) Methacrylonitrile	7.53	41	107367	50.925	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	351617	53.835	ug/l	99
43) Isopropyl Acetate	8.46	43	380937	55.116	ug/l	98
44) Trichloroethene	9.11	130	344935	52.849	ug/l	98
45) 1,2-Dichloropropane	9.39	63	290448	54.873	ug/l	98
46) Dibromomethane	9.48	93	163464	57.686	ug/l	99
47) Bromodichloromethane	9.67	83	435007	56.992	ug/l	98
48) Methyl methacrylate	9.46	41	181765	53.783	ug/l	96
49) 1,4-Dioxane	9.47	88	39423	1158.400	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	923820	278.729	ug/l	99
52) Toluene	10.41	92	755207	52.813	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	414456	54.199	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	482894	54.116	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	226046	58.804	ug/l	98
56) Ethyl methacrylate	10.67	69	302096	56.179	ug/l	97
57) 1,3-Dichloropropane	10.95	76	383273	57.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	572549	262.850	ug/l	100
59) 2-Hexanone	10.99	43	626129	265.533	ug/l	98
60) Dibromochloromethane	11.14	129	312612	58.281	ug/l	99
61) 1,2-Dibromoethane	11.25	107	224028	58.186	ug/l	98
64) Tetrachloroethene	10.88	164	288840	48.941	ug/l	93
65) Chlorobenzene	11.67	112	830157	53.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	328317	55.333	ug/l	99
67) Ethyl Benzene	11.75	91	1468288	52.019	ug/l	98
68) m/p-Xylenes	11.86	106	1122443	103.747	ug/l	99
69) o-Xylene	12.18	106	527547	52.576	ug/l	99
70) Styrene	12.20	104	936486	53.467	ug/l	99
71) Bromoform	12.37	173	193682	57.357	ug/l #	98
73) Isopropylbenzene	12.48	105	1399887	50.512	ug/l	99
74) N-amyl acetate	12.30	43	342912	52.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	232906	55.772	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	152792m	50.239	ug/l	
77) Bromobenzene	12.77	156	364458	54.130	ug/l	98
78) n-propylbenzene	12.83	91	1599945	50.529	ug/l	99
79) 2-Chlorotoluene	12.91	91	901464	50.427	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1159092	50.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	77547	50.649	ug/l	99
82) 4-Chlorotoluene	13.01	91	970344	52.041	ug/l	100
83) tert-Butylbenzene	13.23	119	1005560	50.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1157541	51.486	ug/l	100
85) sec-Butylbenzene	13.41	105	1337488	49.592	ug/l	99
86) p-Isopropyltoluene	13.53	119	1288035	50.235	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	664421	53.161	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	658400	53.975	ug/l	99
89) n-Butylbenzene	13.85	91	1145970	49.471	ug/l	100
90) Hexachloroethane	14.12	117	242689	51.216	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	579371	54.768	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	40026	53.608	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064238.D
Acq On : 15 Nov 2019 20:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDADODA
11/19/2019 12:23:37 PM

Quant Time: Nov 18 00:55:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	450510	55.206	ug/l	99
94) Hexachlorobutadiene	15.28	225	271036	51.421	ug/l	99
95) Naphthalene	15.41	128	756566	56.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	389433	56.141	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064238.D
Acq On : 15 Nov 2019 20:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDADODA
11/19/2019 12:23:37 PM

Quant Time: Nov 18 00:55:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

