

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064899.D
 Acq On : 20 Jan 2020 19:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 9:23:32 AM

Quant Time: Jan 21 05:54:00 2020
 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	296292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	404854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	208825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	151749	58.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.16%	
35) Dibromofluoromethane	7.92	113	148285	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
50) Toluene-d8	10.34	98	540337	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.64	95	175896	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	94399	40.996	ug/l	96
3) Chloromethane	2.21	50	158085	49.089	ug/l	98
4) Vinyl Chloride	2.35	62	183343	46.694	ug/l	97
5) Bromomethane	2.77	94	130576	45.737	ug/l	96
6) Chloroethane	2.93	64	131229	49.879	ug/l	100
7) Trichlorofluoromethane	3.27	101	304143	46.003	ug/l	97
8) Diethyl Ether	3.71	74	72834	55.477	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.08	101	139855	51.079	ug/l	97
10) Methyl Iodide	4.30	142	140909	47.911	ug/l	98
11) Tert butyl alcohol	5.25	59	51398	343.264	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	128468	49.283	ug/l	93
13) Acrolein	3.93	56	25857	123.910	ug/l	96
14) Allyl chloride	4.71	41	225046	55.372	ug/l	100
15) Acrylonitrile	5.43	53	171256	313.167	ug/l	98
16) Acetone	4.17	43	134427	243.729	ug/l	98
17) Carbon Disulfide	4.40	76	370251	43.927	ug/l	98
18) Methyl Acetate	4.73	43	89546	60.878	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	358027	61.836	ug/l	97
20) Methylene Chloride	4.97	84	188193	72.644	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	157663	53.109	ug/l	96
22) Diisopropyl ether	6.37	45	514325	63.446	ug/l	96
23) Vinyl Acetate	6.31	43	1468710	319.391	ug/l	100
24) 1,1-Dichloroethane	6.27	63	293953	60.403	ug/l	99
25) 2-Butanone	7.23	43	214292	298.390	ug/l	94
26) 2,2-Dichloropropane	7.21	77	251020	55.478	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	184889	57.708	ug/l	97
28) Bromochloromethane	7.55	49	119835	63.345	ug/l	98
29) Tetrahydrofuran	7.57	42	140546	314.698	ug/l	97
30) Chloroform	7.71	83	312098	61.126	ug/l	99
31) Cyclohexane	7.99	56	225353	46.260	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	267848	55.851	ug/l	99
36) 1,1-Dichloropropene	8.12	75	217072	51.030	ug/l	99
37) Ethyl Acetate	7.30	43	102278	61.204	ug/l	99
38) Carbon Tetrachloride	8.10	117	238464	52.574	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064899.D
 Acq On : 20 Jan 2020 19:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 9:23:32 AM

Quant Time: Jan 21 05:54:00 2020
 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	244112	47.381	ug/l	93
40) Benzene	8.36	78	649124	55.899	ug/l	100
41) Methacrylonitrile	7.54	41	61793	63.732	ug/l	95
42) 1,2-Dichloroethane	8.43	62	207568	61.855	ug/l	97
43) Isopropyl Acetate	8.46	43	199317	59.923	ug/l	99
44) Trichloroethene	9.11	130	180026	52.772	ug/l	98
45) 1,2-Dichloropropane	9.39	63	168444	60.753	ug/l	95
46) Dibromomethane	9.48	93	93849	60.711	ug/l	98
47) Bromodichloromethane	9.67	83	248937	60.519	ug/l	99
48) Methyl methacrylate	9.46	41	91290	58.289	ug/l	89
49) 1,4-Dioxane	9.47	88	20829	1168.563	ug/l #	92
51) 4-Methyl-2-Pentanone	10.24	43	503073	305.992	ug/l	99
52) Toluene	10.41	92	422950	55.515	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	226797	59.139	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	268836	59.451	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	127690	61.293	ug/l	94
56) Ethyl methacrylate	10.67	69	155110	59.618	ug/l	96
57) 1,3-Dichloropropane	10.95	76	221276	61.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	282630	285.128	ug/l	99
59) 2-Hexanone	10.99	43	341517	306.055	ug/l	99
60) Dibromochloromethane	11.14	129	173689	60.290	ug/l	100
61) 1,2-Dibromoethane	11.25	107	122394	59.566	ug/l	100
64) Tetrachloroethene	10.88	164	150006	48.296	ug/l	93
65) Chlorobenzene	11.67	112	460580	54.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	185291	58.494	ug/l	98
67) Ethyl Benzene	11.75	91	798093	52.329	ug/l	99
68) m/p-Xylenes	11.86	106	626997	106.511	ug/l	98
69) o-Xylene	12.18	106	287028	53.981	ug/l	99
70) Styrene	12.20	104	529872	56.773	ug/l	99
71) Bromoform	12.37	173	103051	57.046	ug/l	99
73) Isopropylbenzene	12.48	105	764459	51.227	ug/l	99
74) N-amyl acetate	12.30	43	178950	56.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	132737	56.622	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	89891m	54.512	ug/l	
77) Bromobenzene	12.77	156	195035	53.189	ug/l	97
78) n-propylbenzene	12.83	91	907704	52.138	ug/l	99
79) 2-Chlorotoluene	12.91	91	502055	52.495	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	639493	52.167	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	42916	54.431	ug/l	94
82) 4-Chlorotoluene	13.01	91	535990	52.663	ug/l	100
83) tert-Butylbenzene	13.23	119	536097	50.368	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	652093	53.412	ug/l	97
85) sec-Butylbenzene	13.41	105	741521	50.818	ug/l	98
86) p-Isopropyltoluene	13.53	119	709398	50.844	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	375501	53.718	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	361927	52.706	ug/l	99
89) n-Butylbenzene	13.85	91	631986	50.299	ug/l	99
90) Hexachloroethane	14.12	117	139833	52.466	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	322505	54.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20335	53.508	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
Data File : VD064899.D
Acq On : 20 Jan 2020 19:24
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/21/2020 9:23:32 AM

Quant Time: Jan 21 05:54:00 2020
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	224516	51.156	ug/l	99
94) Hexachlorobutadiene	15.28	225	133420	48.310	ug/l	99
95) Naphthalene	15.41	128	371614	53.522	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	198041	52.857	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
Data File : VD064899.D
Acq On : 20 Jan 2020 19:24
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/21/2020 9:23:32 AM

Quant Time: Jan 21 05:54:00 2020
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

