

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064156.D
 Acq On : 08 Nov 2019 14:35
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Nov 08 16:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 15:32:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/13/2019 11:06:43 AM
1) Pentafluorobenzene	7.98	168	853450	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	8.87	114	1225157	50.00	ug/l	0.00	
63) Chlorobenzene-d5	11.65	117	1068093	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.58	152	516214	50.00	ug/l	0.00	

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	151902	21.97	ug/l	0.00
Spiked Amount						
			Recovery	=	43.94%	
35) Dibromofluoromethane	7.92	113	146168	19.47	ug/l	0.00
Spiked Amount						
			Recovery	=	38.94%	
50) Toluene-d8	10.34	98	548217	18.36	ug/l	0.00
Spiked Amount						
			Recovery	=	36.72%	
62) 4-Bromofluorobenzene	12.64	95	186866	18.88	ug/l	0.00
Spiked Amount						
			Recovery	=	37.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	136080	16.022	ug/l	96
3) Chloromethane	2.21	50	162577	12.084	ug/l	97
4) Vinyl Chloride	2.35	62	162714	11.198	ug/l	98
5) Bromomethane	2.76	94	103121	10.972	ug/l	98
6) Chloroethane	2.92	64	106745	11.778	ug/l	99
7) Trichlorofluoromethane	3.27	101	263978	12.985	ug/l	99
8) Diethyl Ether	3.71	74	79053	20.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	149511	19.171	ug/l	98
10) Methyl Iodide	4.30	142	144701	15.279	ug/l	98
11) Tert butyl alcohol	5.25	59	50014m	129.988	ug/l	
12) 1,1-Dichloroethene	4.06	96	144709	19.469	ug/l	92
13) Acrolein	3.93	56	38289	86.645	ug/l	96
14) Allyl chloride	4.71	41	258010	27.361	ug/l	97
15) Acrylonitrile	5.43	53	172126	121.158	ug/l	98
16) Acetone	4.17	43	162782	120.919	ug/l	98
17) Carbon Disulfide	4.40	76	453745	19.849	ug/l	100
18) Methyl Acetate	4.73	43	97107	26.645	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	364833	23.540	ug/l	98
20) Methylene Chloride	4.96	84	178371	19.422	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	164677	19.774	ug/l	95
22) Diisopropyl ether	6.37	45	495004	24.722	ug/l	99
23) Vinyl Acetate	6.31	43	1418285	128.759	ug/l	99
24) 1,1-Dichloroethane	6.27	63	283323	21.504	ug/l	99
25) 2-Butanone	7.22	43	231091	125.052	ug/l	96
26) 2,2-Dichloropropane	7.21	77	276635	22.023	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	183424	19.832	ug/l	98
28) Bromochloromethane	7.55	49	84161	17.763	ug/l	97
29) Tetrahydrofuran	7.57	42	141621	130.268	ug/l	98
30) Chloroform	7.71	83	292945	19.759	ug/l	100
31) Cyclohexane	7.98	56	266715	20.680	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	272330	19.696	ug/l	99
36) 1,1-Dichloropropene	8.11	75	226025	19.570	ug/l	100
37) Ethyl Acetate	7.30	43	104625	28.054	ug/l	99
38) Carbon Tetrachloride	8.10	117	238826	19.113	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064156.D
 Acq On : 08 Nov 2019 14:35
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Nov 08 16:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 15:32:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/13/2019 11:06:43 AM
39) Methylcyclohexane	9.36	83	271447	19.343	ug/l	98	
40) Benzene	8.36	78	630396	20.114	ug/l	97	
41) Methacrylonitrile	7.54	41	67372	30.162	ug/l	97	
42) 1,2-Dichloroethane	8.43	62	198350	23.567	ug/l	98	
43) Isopropyl Acetate	8.46	43	208005	27.303	ug/l	99	
44) Trichloroethene	9.11	130	184873	19.554	ug/l	99	
45) 1,2-Dichloropropane	9.39	63	155323	21.162	ug/l	96	
46) Dibromomethane	9.48	93	84690	19.655	ug/l	98	
47) Bromodichloromethane	9.67	83	223213	20.352	ug/l	97	
48) Methyl methacrylate	9.46	41	101246	28.637	ug/l	97	
49) 1,4-Dioxane	9.47	88	20895	429.480	ug/l	91	
51) 4-Methyl-2-Pentanone	10.23	43	514585	128.557	ug/l	100	
52) Toluene	10.40	92	409903	18.940	ug/l	99	
53) t-1,3-Dichloropropene	10.63	75	224218	21.733	ug/l	99	
54) cis-1,3-Dichloropropene	10.09	75	262313	21.544	ug/l	97	
55) 1,1,2-Trichloroethane	10.80	97	114726	18.948	ug/l	98	
56) Ethyl methacrylate	10.66	69	162272	23.782	ug/l	99	
57) 1,3-Dichloropropane	10.95	76	201901	19.988	ug/l	99	
58) 2-Chloroethyl Vinyl ether	9.94	63	328057	117.731	ug/l	99	
59) 2-Hexanone	10.99	43	355468	125.344	ug/l	99	
60) Dibromochloromethane	11.14	129	156356	18.980	ug/l	99	
61) 1,2-Dibromoethane	11.25	107	114357	18.944	ug/l	100	
64) Tetrachloroethene	10.88	164	162818	20.834	ug/l	97	
65) Chlorobenzene	11.67	112	439505	19.920	ug/l	100	
66) 1,1,1,2-Tetrachloroethane	11.74	131	165613	19.985	ug/l	99	
67) Ethyl Benzene	11.75	91	785554	19.959	ug/l	99	
68) m/p-Xylenes	11.86	106	598665	38.157	ug/l	100	
69) o-Xylene	12.18	106	275508	19.211	ug/l	99	
70) Styrene	12.20	104	494719	20.048	ug/l	99	
71) Bromoform	12.36	173	96886	21.635	ug/l	98	#
73) Isopropylbenzene	12.48	105	754088	20.647	ug/l	99	
74) N-amyl acetate	12.29	43	190749	29.482	ug/l	99	
75) 1,1,2,2-Tetrachloroethane	12.74	83	124174	21.689	ug/l	99	
76) 1,2,3-Trichloropropane	12.79	75	96211m	26.886	ug/l		
77) Bromobenzene	12.76	156	184841	20.887	ug/l	96	
78) n-propylbenzene	12.83	91	854308	20.038	ug/l	98	
79) 2-Chlorotoluene	12.91	91	489990	21.219	ug/l	100	
80) 1,3,5-Trimethylbenzene	12.96	105	624021	20.547	ug/l	100	
81) trans-1,4-Dichloro-2-buten	12.53	75	43328	24.433	ug/l	100	
82) 4-Chlorotoluene	13.01	91	511392	20.883	ug/l	100	
83) tert-Butylbenzene	13.23	119	541772	19.913	ug/l	100	
84) 1,2,4-Trimethylbenzene	13.27	105	617158	20.279	ug/l	99	
85) sec-Butylbenzene	13.41	105	727257	19.594	ug/l	99	
86) p-Isopropyltoluene	13.52	119	690844	19.826	ug/l	99	
87) 1,3-Dichlorobenzene	13.52	146	342137	19.684	ug/l	100	
88) 1,4-Dichlorobenzene	13.60	146	333106	19.335	ug/l	98	
89) n-Butylbenzene	13.85	91	625069	19.491	ug/l	100	
90) Hexachloroethane	14.12	117	128679	19.631	ug/l	98	
91) 1,2-Dichlorobenzene	13.90	146	292469	19.538	ug/l	99	
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22402	25.908	ug/l	97	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
Data File : VD064156.D
Acq On : 08 Nov 2019 14:35
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda

Quant Time: Nov 08 16:21:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 15:32:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/13/2019 11:06:43 AM
93) 1,2,4-Trichlorobenzene	15.17	180	227117	20.880	ug/l	99	
94) Hexachlorobutadiene	15.27	225	140011	21.650	ug/l	99	
95) Naphthalene	15.41	128	386566	21.869	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.60	180	190856	20.212	ug/l	99	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110819\
Data File : VD064156.D
Acq On : 08 Nov 2019 14:35
Operator : VA/SY
Sample : VSTDIC020
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda

Quant Time: Nov 08 16:21:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 15:32:18 2019
Response via : Initial Calibration

