

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
 Data File : VD064149.D
 Acq On : 01 Nov 2019 13:27
 Operator : VA/SY
 Sample : VD1101SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 11:51:02 AM

Quant Time: Nov 01 18:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	208838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	305153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	88485	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.91	113	98924	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	10.34	98	379425	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.64	95	130125	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	45660	21.412	ug/l	96
3) Chloromethane	2.21	50	69783	19.613	ug/l	100
4) Vinyl Chloride	2.35	62	77765	20.155	ug/l	98
5) Bromomethane	2.76	94	53672	21.345	ug/l	99
6) Chloroethane	2.92	64	48644	20.298	ug/l #	85
7) Trichlorofluoromethane	3.27	101	110456	20.796	ug/l	99
8) Diethyl Ether	3.71	74	17349	18.791	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	39014	20.382	ug/l	97
10) Methyl Iodide	4.28	142	47190	19.899	ug/l	98
11) Tert butyl alcohol	5.24	59	9958m	107.806	ug/l	
12) 1,1-Dichloroethene	4.06	96	38721	21.374	ug/l	85
13) Acrolein	3.91	56	9283	87.656	ug/l	100
14) Allyl chloride	4.71	41	43875	20.693	ug/l	98
15) Acrylonitrile	5.43	53	34646	101.591	ug/l	98
16) Acetone	4.17	43	32592	103.133	ug/l	93
17) Carbon Disulfide	4.40	76	112388	20.188	ug/l	99
18) Methyl Acetate	4.73	43	16776	19.957	ug/l	93
19) Methyl tert-butyl Ether	5.48	73	72541	19.734	ug/l	93
20) Methylene Chloride	4.96	84	55962	25.742	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	44527	21.896	ug/l	95
22) Diisopropyl ether	6.37	45	94340	20.090	ug/l	93
23) Vinyl Acetate	6.31	43	264219	102.649	ug/l	97
24) 1,1-Dichloroethane	6.27	63	66118	20.851	ug/l	97
25) 2-Butanone	7.22	43	42756	97.866	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	60672	20.159	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	44626	19.611	ug/l	97
28) Bromochloromethane	7.56	49	18356	16.433	ug/l	96
29) Tetrahydrofuran	7.57	42	25711	100.838	ug/l	97
30) Chloroform	7.72	83	73945	20.379	ug/l	95
31) Cyclohexane	7.99	56	57139	18.496	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	71576	21.191	ug/l	95
36) 1,1-Dichloropropene	8.12	75	58902	20.600	ug/l	96
37) Ethyl Acetate	7.30	43	20295	23.060	ug/l #	97
38) Carbon Tetrachloride	8.10	117	62618	20.071	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
 Data File : VD064149.D
 Acq On : 01 Nov 2019 13:27
 Operator : VA/SY
 Sample : VD1101SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1101SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 11:51:02 AM

Quant Time: Nov 01 18:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69967	19.933	ug/l	87
40) Benzene	8.36	78	160538	20.589	ug/l	95
41) Methacrylonitrile	7.54	41	11673	22.982	ug/l	92
42) 1,2-Dichloroethane	8.43	62	44080	21.401	ug/l	99
43) Isopropyl Acetate	8.46	43	35299	19.846	ug/l #	90
44) Trichloroethene	9.11	130	48753	20.629	ug/l	94
45) 1,2-Dichloropropane	9.39	63	36304	20.090	ug/l	97
46) Dibromomethane	9.48	93	21229	19.506	ug/l	91
47) Bromodichloromethane	9.67	83	57158	20.818	ug/l	95
48) Methyl methacrylate	9.46	41	18525	22.522	ug/l	94
49) 1,4-Dioxane	9.47	88	5382	432.021	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	99330	102.581	ug/l	95
52) Toluene	10.41	92	112988	20.677	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	52645	20.541	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	60429	20.041	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	32012	20.746	ug/l #	88
56) Ethyl methacrylate	10.67	69	34022	20.064	ug/l	98
57) 1,3-Dichloropropane	10.95	76	50777	19.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	70635	104.489	ug/l	95
59) 2-Hexanone	10.99	43	67451	94.672	ug/l	99
60) Dibromochloromethane	11.15	129	44400	21.200	ug/l	95
61) 1,2-Dibromoethane	11.25	107	31426	20.363	ug/l	94
64) Tetrachloroethene	10.88	164	44476	20.521	ug/l	93
65) Chlorobenzene	11.67	112	129072	20.706	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	47118	20.201	ug/l	98
67) Ethyl Benzene	11.75	91	217221	19.592	ug/l	98
68) m/p-Xylenes	11.86	106	178940	40.125	ug/l	98
69) o-Xylene	12.18	106	79910	19.634	ug/l	95
70) Styrene	12.20	104	139745	19.908	ug/l	99
71) Bromoform	12.37	173	25878	20.774	ug/l #	99
73) Isopropylbenzene	12.48	105	218875	19.546	ug/l	96
74) N-amyl acetate	12.29	43	35511	19.089	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35393	20.053	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	27612m	25.501	ug/l	
77) Bromobenzene	12.77	156	56119	20.757	ug/l	98
78) n-propylbenzene	12.83	91	264556	20.160	ug/l	100
79) 2-Chlorotoluene	12.91	91	140326	19.949	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	189706	20.243	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.54	75	10521	19.844	ug/l	92
82) 4-Chlorotoluene	13.01	91	149689	19.915	ug/l	99
83) tert-Butylbenzene	13.23	119	161789	19.221	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	186445	19.804	ug/l	99
85) sec-Butylbenzene	13.41	105	227446	19.676	ug/l	98
86) p-Isopropyltoluene	13.52	119	211691	19.491	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	110441	20.384	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	112606	21.083	ug/l	99
89) n-Butylbenzene	13.85	91	195311	19.497	ug/l	99
90) Hexachloroethane	14.12	117	40070	19.706	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	95080	20.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5960	23.121	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110119\
Data File : VD064149.D
Acq On : 01 Nov 2019 13:27
Operator : VA/SY
Sample : VD1101SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

Manual Integrations
APPROVED

MMDadoda
11/4/2019 11:51:02 AM

Quant Time: Nov 01 18:18:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	68394	20.406	ug/l	99
94) Hexachlorobutadiene	15.28	225	41534	21.203	ug/l	98
95) Naphthalene	15.41	128	111886	20.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	56729	19.540	ug/l	97

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

