

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065945.D
 Acq On : 10 Jul 2020 13:29
 Operator : VA/SY
 Sample : VD0710SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBS01

Quant Time: Jul 11 05:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	385435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	583494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	542971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	153548	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.91	113	166515	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	10.34	98	611770	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.64	95	216373	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	74073	21.617	ug/l	98
3) Chloromethane	2.21	50	68495	20.165	ug/l	95
4) Vinyl Chloride	2.35	62	59539	19.090	ug/l	98
5) Bromomethane	2.76	94	38631	19.554	ug/l	84
6) Chloroethane	2.92	64	35895	19.253	ug/l	92
7) Trichlorofluoromethane	3.27	101	137422	20.558	ug/l	98
8) Diethyl Ether	3.70	74	37409	20.399	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	82754	20.697	ug/l	100
10) Methyl Iodide	4.29	142	82340	21.082	ug/l	98
11) Tert butyl alcohol	5.21	59	22752	91.180	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	79605	21.311	ug/l	96
13) Acrolein	3.91	56	21266	108.225	ug/l	97
14) Allyl chloride	4.71	41	126491	19.982	ug/l	99
15) Acrylonitrile	5.42	53	81881	101.978	ug/l	96
16) Acetone	4.16	43	72376	90.410	ug/l	99
17) Carbon Disulfide	4.40	76	246255	20.690	ug/l	100
18) Methyl Acetate	4.71	43	36387	19.391	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	162118	20.500	ug/l	99
20) Methylene Chloride	4.96	84	95468	15.647	ug/l	97
21) trans-1,2-Dichloroethene	5.46	96	86532	20.590	ug/l	98
22) Diisopropyl ether	6.36	45	245433	20.631	ug/l	94
23) Vinyl Acetate	6.30	43	677860	99.828	ug/l	98
24) 1,1-Dichloroethane	6.26	63	147475	20.790	ug/l	99
25) 2-Butanone	7.21	43	98746	93.348	ug/l	98
26) 2,2-Dichloropropane	7.21	77	126565	20.395	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96320	21.330	ug/l	97
28) Bromochloromethane	7.54	49	58199	21.719	ug/l	97
29) Tetrahydrofuran	7.56	42	64680	96.157	ug/l	100
30) Chloroform	7.70	83	150632	20.946	ug/l	97
31) Cyclohexane	7.98	56	137487	19.699	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	138891	21.164	ug/l	98
36) 1,1-Dichloropropene	8.11	75	117262	20.348	ug/l	98
37) Ethyl Acetate	7.29	43	46894	19.421	ug/l #	95
38) Carbon Tetrachloride	8.10	117	129403	20.950	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065945.D
 Acq On : 10 Jul 2020 13:29
 Operator : VA/SY
 Sample : VD0710SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBS01

Quant Time: Jul 11 05:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	142256	20.107	ug/l	97
40) Benzene	8.35	78	338893	21.286	ug/l	100
41) Methacrylonitrile	7.53	41	30089	21.463	ug/l #	91
42) 1,2-Dichloroethane	8.42	62	95628	21.203	ug/l	99
43) Isopropyl Acetate	8.45	43	88503	19.691	ug/l	97
44) Trichloroethene	9.11	130	96209	20.567	ug/l	99
45) 1,2-Dichloropropane	9.38	63	85345	21.598	ug/l	98
46) Dibromomethane	9.47	93	43252	21.024	ug/l	96
47) Bromodichloromethane	9.66	83	115458	20.922	ug/l #	98
48) Methyl methacrylate	9.46	41	44811	19.805	ug/l	96
49) 1,4-Dioxane	9.46	88	9840	402.555	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	223472	98.347	ug/l	100
52) Toluene	10.40	92	219647	21.686	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	107174	20.655	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	129699	20.686	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	60929	21.496	ug/l	98
56) Ethyl methacrylate	10.66	69	70305	20.308	ug/l	97
57) 1,3-Dichloropropane	10.95	76	104845	21.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	170585	101.743	ug/l	99
59) 2-Hexanone	10.98	43	151544	96.974	ug/l	99
60) Dibromochloromethane	11.14	129	82486	21.300	ug/l	99
61) 1,2-Dibromoethane	11.25	107	59325	20.992	ug/l	98
64) Tetrachloroethene	10.87	164	85064	21.543	ug/l	95
65) Chlorobenzene	11.67	112	239145	21.856	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	87685	21.426	ug/l	97
67) Ethyl Benzene	11.75	91	413521	21.273	ug/l	100
68) m/p-Xylenes	11.85	106	319484	43.260	ug/l	100
69) o-Xylene	12.18	106	144977	21.550	ug/l	98
70) Styrene	12.20	104	253540	21.831	ug/l	99
71) Bromoform	12.36	173	49404	21.334	ug/l #	100
73) Isopropylbenzene	12.48	105	390511	20.203	ug/l	97
74) N-amyl acetate	12.29	43	80367	18.529	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	63839	19.894	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43921m	18.905	ug/l	
77) Bromobenzene	12.76	156	97354	20.766	ug/l	99
78) n-propylbenzene	12.82	91	460930	20.340	ug/l	99
79) 2-Chlorotoluene	12.91	91	258332	20.094	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	324605	20.532	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	20044	18.538	ug/l	95
82) 4-Chlorotoluene	13.01	91	277619	20.582	ug/l	98
83) tert-Butylbenzene	13.23	119	276235	20.508	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	332772	21.145	ug/l	100
85) sec-Butylbenzene	13.41	105	390315	20.447	ug/l	98
86) p-Isopropyltoluene	13.52	119	364131	20.856	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	188073	21.439	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	186951	21.361	ug/l	98
89) n-Butylbenzene	13.85	91	323124	19.708	ug/l	100
90) Hexachloroethane	14.11	117	71861	20.410	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	161914	21.117	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10101	18.824	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071020\
Data File : VD065945.D
Acq On : 10 Jul 2020 13:29
Operator : VA/SY
Sample : VD0710SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0710SBS01

Quant Time: Jul 11 05:00:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113968	20.856	ug/l	97
94) Hexachlorobutadiene	15.27	225	68366	20.683	ug/l	97
95) Naphthalene	15.41	128	176661	19.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	97968	20.785	ug/l	99

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

