

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050820\
 Data File : VD065719.D
 Acq On : 08 May 2020 12:28
 Operator : VA/SY
 Sample : VD0508SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0508SBS01

Quant Time: May 09 04:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	388642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	583237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	523694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	255698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	179849	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
35) Dibromofluoromethane	7.92	113	186252	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.34	98	714255	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.64	95	241930	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	51773	16.984	ug/l	95
3) Chloromethane	2.21	50	76775	19.971	ug/l	100
4) Vinyl Chloride	2.35	62	82244	21.114	ug/l	98
5) Bromomethane	2.76	94	57624	23.440	ug/l	100
6) Chloroethane	2.91	64	53873	21.531	ug/l	100
7) Trichlorofluoromethane	3.27	101	118990	19.150	ug/l	97
8) Diethyl Ether	3.71	74	36399	18.698	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73293	19.432	ug/l	98
10) Methyl Iodide	4.30	142	66515	17.978	ug/l	100
11) Tert butyl alcohol	5.21	59	30930	83.228	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	71443	19.272	ug/l	96
13) Acrolein	3.92	56	29130	91.068	ug/l	95
14) Allyl chloride	4.71	41	123085	16.656	ug/l	95
15) Acrylonitrile	5.43	53	80720	88.199	ug/l	99
16) Acetone	4.16	43	72499	87.228	ug/l	99
17) Carbon Disulfide	4.41	76	225215	18.475	ug/l	98
18) Methyl Acetate	4.71	43	35036	16.954	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	170379	18.956	ug/l	92
20) Methylene Chloride	4.97	84	83331	19.903	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	80330	18.929	ug/l	98
22) Diisopropyl ether	6.36	45	243779	17.739	ug/l	96
23) Vinyl Acetate	6.30	43	715040	86.146	ug/l #	94
24) 1,1-Dichloroethane	6.26	63	137183	18.222	ug/l	99
25) 2-Butanone	7.21	43	104198	84.518	ug/l	99
26) 2,2-Dichloropropane	7.21	77	129298	19.076	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	89847	19.512	ug/l	94
28) Bromochloromethane	7.55	49	54216	17.267	ug/l	89
29) Tetrahydrofuran	7.56	42	67565	85.028	ug/l	95
30) Chloroform	7.71	83	137574	18.990	ug/l	99
31) Cyclohexane	7.99	56	139272	17.879	ug/l	93
32) 1,1,1-Trichloroethane	7.91	97	127256	18.950	ug/l	99
36) 1,1-Dichloropropene	8.11	75	111228	19.203	ug/l	97
37) Ethyl Acetate	7.30	43	49087	17.600	ug/l	96
38) Carbon Tetrachloride	8.10	117	116322	20.255	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	143350	19.713	ug/l	91
40) Benzene	8.36	78	309183	19.545	ug/l	99
41) Methacrylonitrile	7.52	41	27834m	17.302	ug/l	
42) 1,2-Dichloroethane	8.43	62	87094	19.133	ug/l	97
43) Isopropyl Acetate	8.46	43	99338	17.811	ug/l	98
44) Trichloroethene	9.11	130	93422	21.430	ug/l	100
45) 1,2-Dichloropropane	9.39	63	78939	19.296	ug/l	98
46) Dibromomethane	9.48	93	40853	19.909	ug/l	98
47) Bromodichloromethane	9.67	83	109080	19.878	ug/l	98
48) Methyl methacrylate	9.46	41	44600	15.971	ug/l	87
49) 1,4-Dioxane	9.47	88	10431	414.689	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	240180	89.355	ug/l	99
52) Toluene	10.41	92	203465	20.339	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	109551	19.710	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	129640	19.798	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	57016	20.610	ug/l	94
56) Ethyl methacrylate	10.67	69	76506	19.154	ug/l	93
57) 1,3-Dichloropropane	10.95	76	99213	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	168671	91.984	ug/l	97
59) 2-Hexanone	10.99	43	168166	90.961	ug/l	100
60) Dibromochloromethane	11.14	129	74711	20.104	ug/l	99
61) 1,2-Dibromoethane	11.25	107	54962	19.746	ug/l	96
64) Tetrachloroethene	10.88	164	78652	21.104	ug/l	93
65) Chlorobenzene	11.67	112	215920	20.464	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	82759	21.037	ug/l	99
67) Ethyl Benzene	11.75	91	392121	19.921	ug/l	98
68) m/p-Xylenes	11.86	106	299460	40.809	ug/l	96
69) o-Xylene	12.18	106	139097	20.314	ug/l	96
70) Styrene	12.20	104	237097	20.140	ug/l	98
71) Bromoform	12.37	173	46242	20.891	ug/l #	99
73) Isopropylbenzene	12.48	105	377510	19.486	ug/l	100
74) N-amyl acetate	12.30	43	93336	16.876	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	61109	18.810	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	37983m	17.588	ug/l	
77) Bromobenzene	12.77	156	92879	20.907	ug/l	91
78) n-propylbenzene	12.83	91	443960	19.462	ug/l	99
79) 2-Chlorotoluene	12.91	91	246957	19.161	ug/l	95
80) 1,3,5-Trimethylbenzene	12.97	105	313081	19.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22737	18.637	ug/l	90
82) 4-Chlorotoluene	13.01	91	257804	19.115	ug/l	98
83) tert-Butylbenzene	13.23	119	276140	20.396	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	309746	19.550	ug/l	99
85) sec-Butylbenzene	13.41	105	375860	19.791	ug/l	98
86) p-Isopropyltoluene	13.53	119	350515	20.254	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	172472	20.655	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	169668	20.595	ug/l	98
89) n-Butylbenzene	13.85	91	322211	19.216	ug/l	99
90) Hexachloroethane	14.12	117	67139	19.478	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	148872	20.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	9940	18.203	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	112472	20.805	ug/l	99
94) Hexachlorobutadiene	15.28	225	67597	21.576	ug/l	98
95) Naphthalene	15.41	128	182985	19.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	94764	20.608	ug/l	98

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

