

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065708.D
 Acq On : 07 May 2020 12:56
 Operator : VA/SY
 Sample : L2182-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308

Quant Time: May 08 08:23:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 08 07:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	411416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	621418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	548132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	191862	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.92	113	192486	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.34	98	752059	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.64	95	255930	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	14645	4.538	ug/l	98
3) Chloromethane	2.20	50	20843	5.122	ug/l	96
4) Vinyl Chloride	2.34	62	20558	4.986	ug/l	90
5) Bromomethane	2.77	94	14844	5.704	ug/l	95
6) Chloroethane	2.92	64	13077	4.937	ug/l #	86
7) Trichlorofluoromethane	3.27	101	28390	4.316	ug/l	94
8) Diethyl Ether	3.71	74	9092	4.412	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	17562	4.398	ug/l	97
10) Methyl Iodide	4.30	142	15322	3.912	ug/l #	91
11) Tert butyl alcohol	5.20	59	12284	33.453	ug/l #	79
12) 1,1-Dichloroethene	4.06	96	18125	4.619	ug/l	91
13) Acrolein	3.92	56	7718	22.793	ug/l	88
14) Allyl chloride	4.72	41	30992	3.962	ug/l	98
15) Acrylonitrile	5.42	53	19242	19.861	ug/l #	91
16) Acetone	4.16	43	17329	19.696	ug/l	89
17) Carbon Disulfide	4.40	76	54444	4.219	ug/l	99
18) Methyl Acetate	4.72	43	10005	4.573	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	38810	4.079	ug/l	93
20) Methylene Chloride	4.96	84	23588	5.322	ug/l	87
21) trans-1,2-Dichloroethene	5.47	96	19826	4.413	ug/l	97
22) Diisopropyl ether	6.36	45	57696	3.966	ug/l	95
23) Vinyl Acetate	6.31	43	165827	18.872	ug/l	100
24) 1,1-Dichloroethane	6.26	63	32551	4.084	ug/l	95
25) 2-Butanone	7.21	43	25820	19.784	ug/l	98
26) 2,2-Dichloropropane	7.20	77	31773	4.428	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	20154	4.134	ug/l	97
28) Bromochloromethane	7.55	49	11501	3.460	ug/l	92
29) Tetrahydrofuran	7.57	42	16937	20.135	ug/l	95
30) Chloroform	7.71	83	31832	4.151	ug/l	98
31) Cyclohexane	7.98	56	40520	4.914	ug/l #	73
32) 1,1,1-Trichloroethane	7.91	97	30060	4.228	ug/l	97
36) 1,1-Dichloropropene	8.11	75	26849	4.350	ug/l	95
37) Ethyl Acetate	7.29	43	11932	4.015	ug/l #	79
38) Carbon Tetrachloride	8.10	117	26958	4.406	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	34343	4.433	ug/l	93
40) Benzene	8.35	78	72519	4.303	ug/l	100
41) Methacrylonitrile	7.53	41	6848	3.995	ug/l	94
42) 1,2-Dichloroethane	8.43	62	21061	4.343	ug/l	95
43) Isopropyl Acetate	8.46	43	24787	4.171	ug/l	96
44) Trichloroethene	9.11	130	20239	4.357	ug/l	94
45) 1,2-Dichloropropane	9.39	63	18406	4.223	ug/l	99
46) Dibromomethane	9.48	93	9130	4.176	ug/l	89
47) Bromodichloromethane	9.67	83	24931	4.264	ug/l	93
48) Methyl methacrylate	9.46	41	11679	3.925	ug/l	92
49) 1,4-Dioxane	9.46	88	2578	96.192	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	63312	22.107	ug/l	99
52) Toluene	10.40	92	48175	4.520	ug/l	94
53) t-1,3-Dichloropropene	10.62	75	23578	3.981	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	29137	4.176	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	13257	4.498	ug/l	94
56) Ethyl methacrylate	10.66	69	18073	4.247	ug/l	96
57) 1,3-Dichloropropane	10.95	76	23120	4.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	39326	20.128	ug/l	97
59) 2-Hexanone	10.98	43	40766	20.696	ug/l	99
60) Dibromochloromethane	11.14	129	17865	4.512	ug/l	100
61) 1,2-Dibromoethane	11.25	107	13082	4.411	ug/l	98
64) Tetrachloroethene	10.88	164	18105	4.641	ug/l	94
65) Chlorobenzene	11.67	112	50192	4.545	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	17501	4.250	ug/l	97
67) Ethyl Benzene	11.75	91	89876	4.362	ug/l	98
68) m/p-Xylenes	11.86	106	68113	8.868	ug/l	95
69) o-Xylene	12.18	106	31690	4.422	ug/l	96
70) Styrene	12.20	104	54617	4.432	ug/l	97
71) Bromoform	12.36	173	10499	4.532	ug/l #	96
73) Isopropylbenzene	12.48	105	86059	4.262	ug/l	99
74) N-amyl acetate	12.29	43	21896	3.798	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	14360	4.241	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	8958m	3.980	ug/l	
77) Bromobenzene	12.77	156	20764	4.484	ug/l	95
78) n-propylbenzene	12.83	91	101188	4.256	ug/l	99
79) 2-Chlorotoluene	12.91	91	57060	4.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	72365	4.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	5256	4.133	ug/l	95
82) 4-Chlorotoluene	13.01	91	60046	4.271	ug/l	96
83) tert-Butylbenzene	13.23	119	60670	4.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	70924	4.295	ug/l	100
85) sec-Butylbenzene	13.41	105	85511	4.320	ug/l	99
86) p-Isopropyltoluene	13.53	119	79711	4.419	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	38902	4.470	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	39169	4.562	ug/l	97
89) n-Butylbenzene	13.85	91	73412	4.201	ug/l	99
90) Hexachloroethane	14.12	117	15532	4.323	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	33558	4.468	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	2369	4.162	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	25555	4.535	ug/l	98
94) Hexachlorobutadiene	15.28	225	14501	4.441	ug/l	99
95) Naphthalene	15.41	128	44441	4.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	21534	4.493	ug/l	97

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

