

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065800.D
 Acq On : 18 Jun 2020 11:37
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	203497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	322974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	291692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146203	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98240	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.91	113	98513	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.34	98	388726	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	127255	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35349	23.756	ug/l	98
3) Chloromethane	2.21	50	57519	22.023	ug/l	93
4) Vinyl Chloride	2.35	62	66576	22.175	ug/l	100
5) Bromomethane	2.76	94	44949	21.408	ug/l	96
6) Chloroethane	2.93	64	44168	21.757	ug/l	92
7) Trichlorofluoromethane	3.27	101	74642	21.943	ug/l	96
8) Diethyl Ether	3.70	74	17735	19.831	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44351	21.866	ug/l	96
10) Methyl Iodide	4.30	142	39809	20.155	ug/l	99
11) Tert butyl alcohol	5.20	59	12601	88.866	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	38379	20.760	ug/l	93
13) Acrolein	3.92	56	9038	80.022	ug/l	93
14) Allyl chloride	4.71	41	64251	21.028	ug/l	99
15) Acrylonitrile	5.43	53	40445	99.572	ug/l	98
16) Acetone	4.15	43	41461	109.307	ug/l	99
17) Carbon Disulfide	4.40	76	128089	20.644	ug/l	100
18) Methyl Acetate	4.72	43	18761	19.730	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	81331	19.423	ug/l #	91
20) Methylene Chloride	4.96	84	67035	31.645	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	44217	20.424	ug/l	97
22) Diisopropyl ether	6.36	45	125885	20.391	ug/l	97
23) Vinyl Acetate	6.30	43	350643	100.580	ug/l	99
24) 1,1-Dichloroethane	6.26	63	77939	20.720	ug/l	96
25) 2-Butanone	7.21	43	51854	98.988	ug/l	98
26) 2,2-Dichloropropane	7.20	77	71553	21.453	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	48388	20.777	ug/l	98
28) Bromochloromethane	7.54	49	29269	20.146	ug/l	100
29) Tetrahydrofuran	7.56	42	32291	97.532	ug/l	97
30) Chloroform	7.71	83	80031	20.526	ug/l	92
31) Cyclohexane	7.98	56	75044	20.810	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	75129	20.956	ug/l	98
36) 1,1-Dichloropropene	8.11	75	64073	20.710	ug/l	99
37) Ethyl Acetate	7.29	43	23992	19.688	ug/l	99
38) Carbon Tetrachloride	8.10	117	70190	21.557	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	74610	20.368	ug/l	98
40) Benzene	8.35	78	173308	20.490	ug/l	97
41) Methacrylonitrile	7.52	41	13982	19.269	ug/l #	70
42) 1,2-Dichloroethane	8.42	62	50513	19.793	ug/l	100
43) Isopropyl Acetate	8.46	43	46214	19.071	ug/l	98
44) Trichloroethene	9.11	130	47019	19.976	ug/l	87
45) 1,2-Dichloropropane	9.39	63	42912	20.192	ug/l	99
46) Dibromomethane	9.48	93	22742	19.731	ug/l	96
47) Bromodichloromethane	9.66	83	61115	19.787	ug/l	99
48) Methyl methacrylate	9.46	41	22500	19.182	ug/l	99
49) 1,4-Dioxane	9.47	88	4675	381.067	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	112225	94.511	ug/l	97
52) Toluene	10.40	92	113677	20.685	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	55261	19.758	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	66419	20.107	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	30467	19.783	ug/l	92
56) Ethyl methacrylate	10.66	69	33560	18.527	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52913	19.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83475	99.119	ug/l	97
59) 2-Hexanone	10.98	43	78923	98.585	ug/l	97
60) Dibromochloromethane	11.14	129	40550	19.491	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29165	19.270	ug/l	100
64) Tetrachloroethene	10.88	164	41845	21.215	ug/l	96
65) Chlorobenzene	11.67	112	115441	20.272	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	43441	20.465	ug/l	98
67) Ethyl Benzene	11.75	91	211179	20.759	ug/l	98
68) m/p-Xylenes	11.86	106	163348	41.687	ug/l	100
69) o-Xylene	12.18	106	73002	20.663	ug/l	98
70) Styrene	12.20	104	127567	20.858	ug/l	99
71) Bromoform	12.36	173	22621	19.353	ug/l #	96
73) Isopropylbenzene	12.48	105	204685	20.881	ug/l	99
74) N-amyl acetate	12.29	43	42227	19.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	32567	19.672	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	18823m	16.554	ug/l	
77) Bromobenzene	12.77	156	46724	20.146	ug/l	96
78) n-propylbenzene	12.83	91	248371	21.050	ug/l	99
79) 2-Chlorotoluene	12.91	91	136835	21.140	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	173628	21.285	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	10471	19.897	ug/l	97
82) 4-Chlorotoluene	13.01	91	144004	20.727	ug/l	99
83) tert-Butylbenzene	13.23	119	146919	20.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	169287	20.734	ug/l	100
85) sec-Butylbenzene	13.41	105	211350	21.457	ug/l	98
86) p-Isopropyltoluene	13.52	119	191622	21.225	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93583	20.464	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	93060	20.458	ug/l	98
89) n-Butylbenzene	13.85	91	185316	21.522	ug/l	99
90) Hexachloroethane	14.12	117	39133	21.655	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	80049	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5120	18.584	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	52460	19.605	ug/l	99
94) Hexachlorobutadiene	15.27	225	32017	19.793	ug/l	99
95) Naphthalene	15.41	128	81954	18.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	44583	19.345	ug/l	99

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

