

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065884.D
 Acq On : 29 Jun 2020 14:14
 Operator : VA/SY
 Sample : VD0629SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0629SBS01

Quant Time: Jun 30 04:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	170968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	283055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	251830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	85702	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.91	113	84024	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.34	98	309912	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.64	95	105728	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	37893	23.179	ug/l	91
3) Chloromethane	2.21	50	49826	21.931	ug/l	95
4) Vinyl Chloride	2.35	62	52170	20.700	ug/l	99
5) Bromomethane	2.76	94	33606	20.387	ug/l	100
6) Chloroethane	2.92	64	30531	19.211	ug/l #	85
7) Trichlorofluoromethane	3.27	101	71078	22.373	ug/l	99
8) Diethyl Ether	3.71	74	17368	20.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	37702	21.059	ug/l	98
10) Methyl Iodide	4.30	142	35985	20.416	ug/l	100
11) Tert butyl alcohol	5.20	59	13020m	141.687	ug/l	
12) 1,1-Dichloroethene	4.06	96	36229	21.711	ug/l	96
13) Acrolein	3.92	56	13607	105.410	ug/l	94
14) Allyl chloride	4.71	41	57444	21.823	ug/l	95
15) Acrylonitrile	5.43	53	35878	101.053	ug/l	98
16) Acetone	4.16	43	35391	101.698	ug/l #	85
17) Carbon Disulfide	4.40	76	121609	21.571	ug/l	98
18) Methyl Acetate	4.72	43	16281	21.099	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	78017	21.321	ug/l	99
20) Methylene Chloride	4.97	84	49469	24.485	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	41275	21.600	ug/l	95
22) Diisopropyl ether	6.36	45	116549	21.230	ug/l	96
23) Vinyl Acetate	6.30	43	330191	104.065	ug/l	97
24) 1,1-Dichloroethane	6.27	63	69996	21.372	ug/l	99
25) 2-Butanone	7.21	43	49747	107.118	ug/l	100
26) 2,2-Dichloropropane	7.21	77	67827	22.567	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	42141	19.932	ug/l	96
28) Bromochloromethane	7.55	49	24660	20.036	ug/l	98
29) Tetrahydrofuran	7.56	42	30389	103.012	ug/l	97
30) Chloroform	7.71	83	72672	20.724	ug/l	97
31) Cyclohexane	7.98	56	68444	21.511	ug/l	87
32) 1,1,1-Trichloroethane	7.90	97	70454	21.895	ug/l	100
36) 1,1-Dichloropropene	8.11	75	58891	21.336	ug/l	97
37) Ethyl Acetate	7.30	43	23194	21.977	ug/l #	85
38) Carbon Tetrachloride	8.10	117	63341	21.252	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	68826	20.987	ug/l	95
40) Benzene	8.36	78	156411	20.426	ug/l	98
41) Methacrylonitrile	7.53	41	12490	21.571	ug/l #	54
42) 1,2-Dichloroethane	8.43	62	48131	21.306	ug/l	99
43) Isopropyl Acetate	8.46	43	41722	20.402	ug/l	99
44) Trichloroethene	9.11	130	42297	20.389	ug/l	96
45) 1,2-Dichloropropane	9.39	63	37271	20.319	ug/l	93
46) Dibromomethane	9.47	93	19998	19.667	ug/l	99
47) Bromodichloromethane	9.66	83	55571	20.567	ug/l	95
48) Methyl methacrylate	9.46	41	22911	22.856	ug/l	85
49) 1,4-Dioxane	9.47	88	4538	436.291	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	106835	101.347	ug/l	99
52) Toluene	10.40	92	100667	20.220	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	52843	20.489	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	63408	20.938	ug/l	93
55) 1,1,2-Trichloroethane	10.81	97	27617	20.495	ug/l #	85
56) Ethyl methacrylate	10.66	69	33283	19.892	ug/l	96
57) 1,3-Dichloropropane	10.95	76	47878	20.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	76509	104.322	ug/l	99
59) 2-Hexanone	10.99	43	71279	96.466	ug/l	98
60) Dibromochloromethane	11.14	129	36214	19.676	ug/l	98
61) 1,2-Dibromoethane	11.25	107	26913	20.407	ug/l	99
64) Tetrachloroethene	10.88	164	34137	20.759	ug/l	90
65) Chlorobenzene	11.67	112	102803	20.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	37208	19.995	ug/l	98
67) Ethyl Benzene	11.75	91	191061	20.594	ug/l	100
68) m/p-Xylenes	11.86	106	140256	39.707	ug/l	96
69) o-Xylene	12.18	106	66433	20.929	ug/l	96
70) Styrene	12.20	104	109230	19.680	ug/l	97
71) Bromoform	12.36	173	19694	19.929	ug/l #	99
73) Isopropylbenzene	12.48	105	180825	21.104	ug/l	100
74) N-amyl acetate	12.29	43	38658	20.420	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	28588	20.269	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	17664m	16.874	ug/l	
77) Bromobenzene	12.77	156	39862	20.692	ug/l	97
78) n-propylbenzene	12.83	91	220757	21.385	ug/l	100
79) 2-Chlorotoluene	12.91	91	120688	21.226	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	151203	21.109	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9279	19.043	ug/l	89
82) 4-Chlorotoluene	13.01	91	128604	21.165	ug/l	99
83) tert-Butylbenzene	13.23	119	128578	21.330	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	149646	21.208	ug/l	99
85) sec-Butylbenzene	13.40	105	178081	20.730	ug/l	98
86) p-Isopropyltoluene	13.52	119	167347	21.447	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	77743	20.771	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	76776	20.389	ug/l	99
89) n-Butylbenzene	13.85	91	158276	20.803	ug/l	99
90) Hexachloroethane	14.11	117	33500	21.039	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	67213	20.498	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4782	21.888	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	43837	21.089	ug/l	99
94) Hexachlorobutadiene	15.27	225	25428	21.446	ug/l	95
95) Naphthalene	15.41	128	77345	20.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	39030	22.501	ug/l	94

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

