

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065879.D
 Acq On : 26 Jun 2020 13:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062620

Quant Time: Jun 27 06:56:08 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	181888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	298347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	86340	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.91	113	85482	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	10.34	98	320742	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.63	95	105217	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84743	48.725	ug/l	93
3) Chloromethane	2.21	50	125709	52.008	ug/l	99
4) Vinyl Chloride	2.35	62	127908	47.705	ug/l	98
5) Bromomethane	2.77	94	85245	48.609	ug/l	99
6) Chloroethane	2.93	64	81245	48.051	ug/l	99
7) Trichlorofluoromethane	3.27	101	180851	53.508	ug/l	97
8) Diethyl Ether	3.71	74	45034	50.682	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	98911	51.932	ug/l	97
10) Methyl Iodide	4.30	142	95338	48.110	ug/l	98
11) Tert butyl alcohol	5.21	59	24542	260.052	ug/l	94
12) 1,1-Dichloroethene	4.07	96	93608	52.728	ug/l	89
13) Acrolein	3.92	56	29959	218.152	ug/l	100
14) Allyl chloride	4.71	41	151456	54.084	ug/l	97
15) Acrylonitrile	5.42	53	91567	242.420	ug/l	98
16) Acetone	4.15	43	105016	283.651	ug/l #	90
17) Carbon Disulfide	4.40	76	305685	50.966	ug/l	99
18) Methyl Acetate	4.71	43	38225	46.563	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	198835	51.076	ug/l	100
20) Methylene Chloride	4.96	84	103795	54.201	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	104559	51.434	ug/l	94
22) Diisopropyl ether	6.36	45	306216	52.430	ug/l	99
23) Vinyl Acetate	6.30	43	874516	259.070	ug/l	99
24) 1,1-Dichloroethane	6.27	63	182270	52.312	ug/l	98
25) 2-Butanone	7.21	43	122723	248.389	ug/l	97
26) 2,2-Dichloropropane	7.20	77	171330	53.582	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112556	50.040	ug/l	98
28) Bromochloromethane	7.54	49	64502	49.262	ug/l	99
29) Tetrahydrofuran	7.56	42	76203	242.803	ug/l	98
30) Chloroform	7.71	83	187900	50.367	ug/l	98
31) Cyclohexane	7.98	56	170955	50.504	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	180141	52.622	ug/l	99
36) 1,1-Dichloropropene	8.11	75	149392	51.351	ug/l	97
37) Ethyl Acetate	7.29	43	55487	49.880	ug/l #	96
38) Carbon Tetrachloride	8.10	117	163398	52.012	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	185271	53.598	ug/l	97
40) Benzene	8.35	78	404735	50.145	ug/l	95
41) Methacrylonitrile	7.52	41	29985	49.131	ug/l #	53
42) 1,2-Dichloroethane	8.43	62	119972	50.386	ug/l	98
43) Isopropyl Acetate	8.45	43	107256	49.759	ug/l	98
44) Trichloroethene	9.11	130	109860	50.244	ug/l	98
45) 1,2-Dichloropropane	9.38	63	94441	48.846	ug/l	95
46) Dibromomethane	9.48	93	51283	47.850	ug/l	99
47) Bromodichloromethane	9.66	83	145860	51.217	ug/l	96
48) Methyl methacrylate	9.46	41	54518	51.599	ug/l	91
49) 1,4-Dioxane	9.46	88	10585	965.498	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	265911	239.323	ug/l	99
52) Toluene	10.40	92	265877	50.667	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	135774	49.945	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	160566	50.302	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	69775	49.127	ug/l	90
56) Ethyl methacrylate	10.66	69	84874	48.126	ug/l	96
57) 1,3-Dichloropropane	10.95	76	122728	49.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	190634	246.611	ug/l	99
59) 2-Hexanone	10.98	43	196594	252.424	ug/l	97
60) Dibromochloromethane	11.14	129	94729	48.830	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67418	48.499	ug/l	100
64) Tetrachloroethene	10.88	164	89460	51.321	ug/l	96
65) Chlorobenzene	11.67	112	268181	50.648	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97665	49.513	ug/l	99
67) Ethyl Benzene	11.75	91	507750	51.631	ug/l	100
68) m/p-Xylenes	11.86	106	394927	105.476	ug/l	97
69) o-Xylene	12.18	106	178674	53.103	ug/l	96
70) Styrene	12.20	104	309981	52.688	ug/l	98
71) Bromoform	12.36	173	49913	47.648	ug/l #	98
73) Isopropylbenzene	12.48	105	494394	53.227	ug/l	100
74) N-amyl acetate	12.29	43	100332	48.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72802	47.616	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	53794m	47.405	ug/l	
77) Bromobenzene	12.76	156	103683	49.649	ug/l	97
78) n-propylbenzene	12.83	91	593779	53.062	ug/l	100
79) 2-Chlorotoluene	12.91	91	319873	51.897	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	410741	52.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	25331	47.957	ug/l	97
82) 4-Chlorotoluene	13.01	91	345088	52.392	ug/l	97
83) tert-Butylbenzene	13.23	119	348634	53.353	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	412178	53.887	ug/l	98
85) sec-Butylbenzene	13.41	105	497867	53.464	ug/l	99
86) p-Isopropyltoluene	13.52	119	471864	55.787	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	216247	53.298	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	203525	49.859	ug/l	99
89) n-Butylbenzene	13.85	91	449634	54.516	ug/l	99
90) Hexachloroethane	14.11	117	90090	52.193	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	174750	49.163	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11523	48.654	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	116956	51.903	ug/l	99
94) Hexachlorobutadiene	15.27	225	67035	52.156	ug/l	97
95) Naphthalene	15.41	128	203898	50.398	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	94678	50.351	ug/l	98

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

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