

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015714.D
 Acq On : 25 Jun 2020 05:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:20 PM

Quant Time: Jun 25 06:32:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119566	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.88	113	103986	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.32	98	417660	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	165187	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	49515	43.381	ug/l 98
3) Chloromethane	2.21	50	71866	53.619	ug/l 98
4) Vinyl Chloride	2.36	62	109234	50.413	ug/l 98
5) Bromomethane	2.78	94	92374	58.004	ug/l 100
6) Chloroethane	2.92	64	77486	54.341	ug/l 99
7) Trichlorofluoromethane	3.26	101	76068	46.755	ug/l 99
8) Diethyl Ether	3.68	74	52180	55.534	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92661	48.319	ug/l 100
10) Methyl Iodide	4.26	142	141965	52.355	ug/l 100
11) Tert butyl alcohol	5.21	59	30748	261.919	ug/l 99
12) 1,1-Dichloroethene	4.04	96	91827	49.176	ug/l 99
13) Acrolein	3.89	56	36969	249.864	ug/l 100
14) Allyl chloride	4.66	41	151163	49.897	ug/l 99
15) Acrylonitrile	5.37	53	117684	303.572	ug/l 99
16) Acetone	4.13	43	93504	230.933	ug/l 98
17) Carbon Disulfide	4.38	76	266926	49.667	ug/l 99
18) Methyl Acetate	4.67	43	53503	65.282	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	168123	59.825	ug/l 99
20) Methylene Chloride	4.91	84	117576	60.562	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	111597	52.127	ug/l 96
22) Diisopropyl ether	6.31	45	347141	57.614	ug/l 96
23) Vinyl Acetate	6.26	43	1063824	302.763	ug/l 99
24) 1,1-Dichloroethane	6.21	63	203211	53.578	ug/l 99
25) 2-Butanone	7.18	43	150508	275.036	ug/l 99
26) 2,2-Dichloropropane	7.17	77	109293	42.963	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	127549	55.383	ug/l 98
28) Bromochloromethane	7.51	49	79252	54.322	ug/l 99
29) Tetrahydrofuran	7.53	42	98441	306.122	ug/l 99
30) Chloroform	7.68	83	215209	55.327	ug/l 99
31) Cyclohexane	7.95	56	171082	46.631	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	173106	52.208	ug/l 99
36) 1,1-Dichloropropene	8.08	75	162101	49.394	ug/l 100
37) Ethyl Acetate	7.26	43	73380	58.560	ug/l 99
38) Carbon Tetrachloride	8.07	117	160698	50.514	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194654	48.970	ug/l	97
40) Benzene	8.32	78	469724	52.639	ug/l	99
41) Methacrylonitrile	7.48	41	44608	62.028	ug/l	93
42) 1,2-Dichloroethane	8.40	62	154406	55.932	ug/l	100
43) Isopropyl Acetate	8.43	43	148003	59.187	ug/l	99
44) Trichloroethene	9.09	130	121894	50.679	ug/l	94
45) 1,2-Dichloropropane	9.37	63	118094	54.142	ug/l	99
46) Dibromomethane	9.46	93	65136	57.718	ug/l	100
47) Bromodichloromethane	9.65	83	162110	55.070	ug/l	96
48) Methyl methacrylate	9.44	41	69201	60.531	ug/l	95
49) 1,4-Dioxane	9.46	88	15807	1067.721	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	370441	307.187	ug/l	100
52) Toluene	10.39	92	324341	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	158369	55.689	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	183026	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92570	58.997	ug/l	95
56) Ethyl methacrylate	10.65	69	120779	61.864	ug/l	96
57) 1,3-Dichloropropane	10.93	76	163672	58.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	292102	316.166	ug/l	100
59) 2-Hexanone	10.97	43	249079	303.393	ug/l	99
60) Dibromochloromethane	11.13	129	111632	61.052	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89721	59.821	ug/l	99
64) Tetrachloroethene	10.87	164	111669	49.846	ug/l	96
65) Chlorobenzene	11.66	112	347420	51.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124276	52.717	ug/l	99
67) Ethyl Benzene	11.73	91	647101	51.715	ug/l	99
68) m/p-Xylenes	11.84	106	487541	103.764	ug/l	100
69) o-Xylene	12.16	106	228994	53.007	ug/l	100
70) Styrene	12.18	104	398525	53.993	ug/l	99
71) Bromoform	12.35	173	61344	56.555	ug/l #	97
73) Isopropylbenzene	12.46	105	628678	50.322	ug/l	99
74) N-amyl acetate	12.27	43	143191	54.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	110618	55.347	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76498m	51.209	ug/l	
77) Bromobenzene	12.75	156	146523	52.598	ug/l	100
78) n-propylbenzene	12.80	91	748298	49.761	ug/l	100
79) 2-Chlorotoluene	12.89	91	434292	51.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	539816	50.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28643	48.319	ug/l	93
82) 4-Chlorotoluene	12.99	91	447990	50.012	ug/l	97
83) tert-Butylbenzene	13.21	119	455640	50.942	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	538181	50.979	ug/l	100
85) sec-Butylbenzene	13.38	105	628978	49.205	ug/l	100
86) p-Isopropyltoluene	13.50	119	577080	49.688	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	278255	50.317	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272193	49.697	ug/l	97
89) n-Butylbenzene	13.82	91	531267	47.651	ug/l	99
90) Hexachloroethane	14.10	117	102668	49.673	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247823	51.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16760	52.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	149494	47.346	ug/l	98
94) Hexachlorobutadiene	15.23	225	87939	43.717	ug/l	99
95) Naphthalene	15.37	128	275923	52.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	128184	47.152	ug/l	100

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

