

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015822.D
 Acq On : 09 Jul 2020 11:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 05:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103247	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
35) Dibromofluoromethane	7.88	113	93141	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.32	98	365705	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.62	95	136652	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51768	46.616	ug/l	100
3) Chloromethane	2.21	50	65499	43.429	ug/l	94
4) Vinyl Chloride	2.37	62	111429	47.852	ug/l	98
5) Bromomethane	2.78	94	82170	46.116	ug/l	100
6) Chloroethane	2.93	64	76421	48.628	ug/l	99
7) Trichlorofluoromethane	3.26	101	85097	50.848	ug/l	97
8) Diethyl Ether	3.68	74	48164	46.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97770	49.907	ug/l	98
10) Methyl Iodide	4.27	142	134930	49.261	ug/l	99
11) Tert butyl alcohol	5.20	59	26595	234.372	ug/l	97
12) 1,1-Dichloroethene	4.03	96	95343	49.500	ug/l	99
13) Acrolein	3.89	56	32080	212.970	ug/l	100
14) Allyl chloride	4.67	41	156816	50.091	ug/l	100
15) Acrylonitrile	5.37	53	97909	240.152	ug/l	98
16) Acetone	4.13	43	101041	248.693	ug/l	99
17) Carbon Disulfide	4.38	76	277601	48.449	ug/l	100
18) Methyl Acetate	4.67	43	42970	46.474	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	144562	50.147	ug/l	98
20) Methylene Chloride	4.92	84	109394	52.658	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	109563	49.110	ug/l	95
22) Diisopropyl ether	6.31	45	321557	50.970	ug/l	97
23) Vinyl Acetate	6.26	43	947988	252.637	ug/l	100
24) 1,1-Dichloroethane	6.21	63	197686	49.493	ug/l	100
25) 2-Butanone	7.17	43	135257	245.256	ug/l	100
26) 2,2-Dichloropropane	7.17	77	122015	48.692	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	119657	49.950	ug/l	99
28) Bromochloromethane	7.51	49	72562	45.825	ug/l	99
29) Tetrahydrofuran	7.54	42	82349	246.066	ug/l	99
30) Chloroform	7.68	83	203329	49.798	ug/l	97
31) Cyclohexane	7.96	56	180969	48.140	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	170030	49.662	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166284	50.532	ug/l	99
37) Ethyl Acetate	7.26	43	60704	47.476	ug/l	99
38) Carbon Tetrachloride	8.07	117	159721	50.161	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201450	51.880	ug/l	99
40) Benzene	8.32	78	454271	50.396	ug/l	99
41) Methacrylonitrile	7.48	41	36111	49.747	ug/l	98
42) 1,2-Dichloroethane	8.40	62	139134	49.594	ug/l	100
43) Isopropyl Acetate	8.43	43	122014	48.888	ug/l	100
44) Trichloroethene	9.09	130	118569	49.731	ug/l	93
45) 1,2-Dichloropropane	9.37	63	111440	50.297	ug/l	99
46) Dibromomethane	9.46	93	55900	49.006	ug/l	99
47) Bromodichloromethane	9.65	83	150643	51.058	ug/l	98
48) Methyl methacrylate	9.44	41	57534	50.300	ug/l	99
49) 1,4-Dioxane	9.46	88	13895	985.285	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	297236	244.059	ug/l	100
52) Toluene	10.39	92	292852	50.486	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	143702	50.762	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174240	51.454	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79344	50.163	ug/l	97
56) Ethyl methacrylate	10.65	69	98893	50.855	ug/l	98
57) 1,3-Dichloropropane	10.93	76	138220	49.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	238866	251.395	ug/l	100
59) 2-Hexanone	10.97	43	205651	253.028	ug/l	98
60) Dibromochloromethane	11.13	129	92581	50.681	ug/l	100
61) 1,2-Dibromoethane	11.24	107	74627	49.309	ug/l	98
64) Tetrachloroethene	10.87	164	97065	49.729	ug/l	98
65) Chlorobenzene	11.66	112	302781	50.198	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	108963	51.048	ug/l	99
67) Ethyl Benzene	11.73	91	584702	52.346	ug/l	97
68) m/p-Xylenes	11.84	106	443194	105.623	ug/l	99
69) o-Xylene	12.17	106	200302	52.297	ug/l	99
70) Styrene	12.18	104	347546	52.736	ug/l	100
71) Bromoform	12.35	173	49382	50.686	ug/l #	99
73) Isopropylbenzene	12.46	105	568435	51.794	ug/l	99
74) N-amyl acetate	12.27	43	115959	49.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89110	48.866	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63281m	46.220	ug/l	
77) Bromobenzene	12.75	156	121331	49.304	ug/l	99
78) n-propylbenzene	12.80	91	682030	51.199	ug/l	100
79) 2-Chlorotoluene	12.90	91	384072	50.558	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	485921	51.948	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	26110	43.746	ug/l	95
82) 4-Chlorotoluene	12.99	91	405138	51.070	ug/l	100
83) tert-Butylbenzene	13.21	119	400124	51.526	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	478426	51.216	ug/l	99
85) sec-Butylbenzene	13.38	105	586868	52.329	ug/l	99
86) p-Isopropyltoluene	13.50	119	531065	51.857	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	248449	50.365	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	238893	49.469	ug/l	99
89) n-Butylbenzene	13.82	91	510492	52.089	ug/l	100
90) Hexachloroethane	14.09	117	93002	50.103	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	213384	49.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13613	46.721	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.13	180	129136	47.928	ug/l	97
94) Hexachlorobutadiene	15.24	225	81548	47.670	ug/l	96
95) Naphthalene	15.37	128	220414	44.145	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	112549	49.090	ug/l	98

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

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