

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015802.D
 Acq On : 08 Jul 2020 11:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:26 AM

Quant Time: Jul 09 04:52:13 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	208876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107783	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	95177	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.33	98	375786	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	140625	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55104	50.092	ug/l	100
3) Chloromethane	2.21	50	65897	44.109	ug/l	99
4) Vinyl Chloride	2.37	62	113585	49.242	ug/l	99
5) Bromomethane	2.78	94	87489	49.569	ug/l	99
6) Chloroethane	2.93	64	81285	52.216	ug/l	97
7) Trichlorofluoromethane	3.26	101	84988	51.267	ug/l	96
8) Diethyl Ether	3.68	74	54732	52.988	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98489	50.753	ug/l	99
10) Methyl Iodide	4.27	142	137118	50.537	ug/l	99
11) Tert butyl alcohol	5.23	59	25039	222.449	ug/l	99
12) 1,1-Dichloroethene	4.04	96	96328	50.488	ug/l	98
13) Acrolein	3.90	56	33322	223.322	ug/l	98
14) Allyl chloride	4.67	41	157023	50.635	ug/l	100
15) Acrylonitrile	5.38	53	99575	246.565	ug/l	99
16) Acetone	4.14	43	103959	258.313	ug/l	96
17) Carbon Disulfide	4.38	76	285342	50.274	ug/l	100
18) Methyl Acetate	4.68	43	43968	48.006	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	146339	51.247	ug/l	96
20) Methylene Chloride	4.92	84	108394	52.676	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	110962	50.211	ug/l	97
22) Diisopropyl ether	6.31	45	322751	51.647	ug/l	96
23) Vinyl Acetate	6.26	43	962557	258.963	ug/l	100
24) 1,1-Dichloroethane	6.22	63	199294	50.370	ug/l	100
25) 2-Butanone	7.18	43	135635	248.285	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124014	49.962	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120248	50.675	ug/l	99
28) Bromochloromethane	7.51	49	75063	47.856	ug/l	98
29) Tetrahydrofuran	7.54	42	82317	248.313	ug/l	98
30) Chloroform	7.68	83	203870	50.406	ug/l	99
31) Cyclohexane	7.95	56	181534	48.751	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	172640	50.905	ug/l	99
36) 1,1-Dichloropropene	8.08	75	167382	51.535	ug/l	100
37) Ethyl Acetate	7.26	43	59820	47.400	ug/l	98
38) Carbon Tetrachloride	8.07	117	160817	51.170	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201422	52.556	ug/l	99
40) Benzene	8.32	78	453489	50.972	ug/l	99
41) Methacrylonitrile	7.49	41	38155	53.254	ug/l	95
42) 1,2-Dichloroethane	8.40	62	142421	51.434	ug/l	100
43) Isopropyl Acetate	8.43	43	122790	49.846	ug/l	100
44) Trichloroethene	9.09	130	119512	50.786	ug/l	91
45) 1,2-Dichloropropane	9.37	63	111718	51.086	ug/l	100
46) Dibromomethane	9.46	93	57021	50.646	ug/l	99
47) Bromodichloromethane	9.65	83	150889	51.815	ug/l	98
48) Methyl methacrylate	9.44	41	57382	50.828	ug/l	98
49) 1,4-Dioxane	9.48	88	13630	979.213	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	304161	253.032	ug/l	100
52) Toluene	10.39	92	297734	52.003	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	147100	52.646	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174333	52.159	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79000	50.603	ug/l	97
56) Ethyl methacrylate	10.65	69	101141	52.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	140326	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247392	263.795	ug/l	99
59) 2-Hexanone	10.97	43	209380	261.006	ug/l	99
60) Dibromochloromethane	11.13	129	95440	52.934	ug/l	97
61) 1,2-Dibromoethane	11.24	107	75635	50.633	ug/l	96
64) Tetrachloroethene	10.87	164	100266	51.526	ug/l	94
65) Chlorobenzene	11.66	112	306812	51.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	110747	52.043	ug/l	99
67) Ethyl Benzene	11.73	91	586125	52.634	ug/l	96
68) m/p-Xylenes	11.84	106	441189	105.468	ug/l	100
69) o-Xylene	12.17	106	200142	52.415	ug/l	97
70) Styrene	12.18	104	356308	54.232	ug/l	100
71) Bromoform	12.35	173	50727	52.226	ug/l #	98
73) Isopropylbenzene	12.47	105	571762	50.704	ug/l	98
74) N-amyl acetate	12.27	43	120196	49.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	90648	48.380	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66784m	47.474	ug/l	
77) Bromobenzene	12.75	156	125496	49.633	ug/l	97
78) n-propylbenzene	12.80	91	700299	51.165	ug/l	100
79) 2-Chlorotoluene	12.90	91	390173	49.988	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	490600	51.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27338	44.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	411796	50.522	ug/l	100
83) tert-Butylbenzene	13.21	119	409655	51.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	495407	51.616	ug/l	99
85) sec-Butylbenzene	13.38	105	600093	52.077	ug/l	99
86) p-Isopropyltoluene	13.50	119	541829	51.493	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252341	49.787	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249309	50.246	ug/l	100
89) n-Butylbenzene	13.82	91	520687	51.709	ug/l	99
90) Hexachloroethane	14.10	117	97832	51.295	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	213452	48.610	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14516	48.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	139569	50.415	ug/l	99
94) Hexachlorobutadiene	15.24	225	84513	48.082	ug/l	97
95) Naphthalene	15.37	128	241092	46.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	116685	49.534	ug/l	99

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

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