

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015299.D
 Acq On : 22 Apr 2020 11:16
 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
 4/23/2020 1:32:49 PM

Quant Time: Apr 23 07:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94247	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.88	113	96232	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.32	98	398815	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	152279	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	96860	50.778	ug/l	98
3) Chloromethane	2.21	50	97333	46.857	ug/l	99
4) Vinyl Chloride	2.36	62	119390	48.673	ug/l	99
5) Bromomethane	2.77	94	89430	51.277	ug/l	94
6) Chloroethane	2.92	64	70769	46.512	ug/l	100
7) Trichlorofluoromethane	3.26	101	175586	50.586	ug/l	97
8) Diethyl Ether	3.69	74	44400	45.572	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109470	51.142	ug/l	91
10) Methyl Iodide	4.28	142	128275	57.056	ug/l	97
11) Tert butyl alcohol	5.17	59	29137	180.956	ug/l	98
12) 1,1-Dichloroethene	4.04	96	103665	50.316	ug/l	94
13) Acrolein	3.90	56	25045	297.180	ug/l	99
14) Allyl chloride	4.67	41	128113	46.873	ug/l #	84
15) Acrylonitrile	5.37	53	80294	216.562	ug/l	97
16) Acetone	4.12	43	86280	250.084	ug/l	98
17) Carbon Disulfide	4.39	76	298737	48.792	ug/l	98
18) Methyl Acetate	4.68	43	38074	41.692	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	220572	46.637	ug/l	97
20) Methylene Chloride	4.92	84	105749	46.769	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	118180	50.577	ug/l	93
22) Diisopropyl ether	6.31	45	243509	46.441	ug/l #	92
23) Vinyl Acetate	6.26	43	691664	224.789	ug/l	95
24) 1,1-Dichloroethane	6.21	63	176920	48.686	ug/l	98
25) 2-Butanone	7.17	43	102729	224.432	ug/l	92
26) 2,2-Dichloropropane	7.17	77	184079	48.150	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	123060	48.783	ug/l	99
28) Bromochloromethane	7.51	49	59676	45.167	ug/l #	73
29) Tetrahydrofuran	7.53	42	59616	209.052	ug/l	87
30) Chloroform	7.68	83	192177	48.999	ug/l	99
31) Cyclohexane	7.95	56	162641	44.525	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	188434	49.781	ug/l	98
36) 1,1-Dichloropropene	8.08	75	153480	50.413	ug/l	98
37) Ethyl Acetate	7.25	43	44487	45.025	ug/l	98
38) Carbon Tetrachloride	8.07	117	171428	51.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	200274	49.425	ug/l	97
40) Benzene	8.32	78	407392	50.094	ug/l	98
41) Methacrylonitrile	7.48	41	25412	42.865	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	117016	48.877	ug/l	99
43) Isopropyl Acetate	8.42	43	90061	43.460	ug/l	92
44) Trichloroethene	9.09	130	129573	52.088	ug/l	92
45) 1,2-Dichloropropane	9.37	63	92288	48.798	ug/l	100
46) Dibromomethane	9.46	93	52689	48.162	ug/l #	87
47) Bromodichloromethane	9.64	83	142812	48.832	ug/l	99
48) Methyl methacrylate	9.43	41	41664	42.530	ug/l #	83
49) 1,4-Dioxane	9.45	88	12770	875.604	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	211233	217.143	ug/l	96
52) Toluene	10.38	92	293533	51.573	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	138249	47.942	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	163209	48.693	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	72407	47.267	ug/l	99
56) Ethyl methacrylate	10.64	69	90089	45.651	ug/l	92
57) 1,3-Dichloropropane	10.93	76	122810	48.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	211192	230.830	ug/l	90
59) 2-Hexanone	10.96	43	159853	230.201	ug/l	95
60) Dibromochloromethane	11.13	129	99220	49.055	ug/l	99
61) 1,2-Dibromoethane	11.23	107	71632	47.922	ug/l	97
64) Tetrachloroethene	10.86	164	121397	53.812	ug/l	90
65) Chlorobenzene	11.66	112	316377	51.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	112379	50.410	ug/l	98
67) Ethyl Benzene	11.73	91	587634	50.803	ug/l	98
68) m/p-Xylenes	11.83	106	470908	103.862	ug/l	98
69) o-Xylene	12.16	106	219225	51.802	ug/l	98
70) Styrene	12.18	104	365949	50.729	ug/l	100
71) Bromoform	12.35	173	61972	49.337	ug/l #	96
73) Isopropylbenzene	12.46	105	618220	51.472	ug/l	100
74) N-amyl acetate	12.27	43	90426	43.275	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	76891	45.089	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	49787m	37.151	ug/l	
77) Bromobenzene	12.74	156	139862	50.685	ug/l	80
78) n-propylbenzene	12.80	91	709103	50.707	ug/l	96
79) 2-Chlorotoluene	12.89	91	399559	50.699	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	529579	51.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27092	44.193	ug/l	96
82) 4-Chlorotoluene	12.99	91	426060	50.918	ug/l	97
83) tert-Butylbenzene	13.21	119	473977	52.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	515406	50.506	ug/l	98
85) sec-Butylbenzene	13.38	105	641015	51.328	ug/l	97
86) p-Isopropyltoluene	13.50	119	602069	51.882	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	290102	52.911	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	278906	51.894	ug/l	98
89) n-Butylbenzene	13.82	91	537792	50.703	ug/l	97
90) Hexachloroethane	14.09	117	107540	50.532	ug/l	76
91) 1,2-Dichlorobenzene	13.87	146	242683	50.936	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	13763	44.597	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	170281	51.419	ug/l	98
94) Hexachlorobutadiene	15.23	225	115821	52.458	ug/l	97
95) Naphthalene	15.36	128	261504	49.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143029	53.083	ug/l	97

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

