

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015403.D
 Acq On : 05 May 2020 19:49
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:12:11 PM

Quant Time: May 05 22:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129287	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	111842	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.32	98	451579	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	171876	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65069	53.356	ug/l	98
3) Chloromethane	2.21	50	74763	48.969	ug/l	100
4) Vinyl Chloride	2.37	62	112837	48.802	ug/l	98
5) Bromomethane	2.78	94	82933	45.785	ug/l	96
6) Chloroethane	2.93	64	75214	47.206	ug/l	96
7) Trichlorofluoromethane	3.26	101	81514	48.064	ug/l	100
8) Diethyl Ether	3.68	74	54284	51.222	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97809	49.751	ug/l	99
10) Methyl Iodide	4.27	142	154503	51.936	ug/l	99
11) Tert butyl alcohol	5.18	59	34899	261.007	ug/l	100
12) 1,1-Dichloroethene	4.04	96	101013	49.546	ug/l	99
13) Acrolein	3.89	56	46153	270.300	ug/l	99
14) Allyl chloride	4.67	41	183366	51.332	ug/l	99
15) Acrylonitrile	5.37	53	115852	268.599	ug/l	100
16) Acetone	4.12	43	94603	262.634	ug/l	98
17) Carbon Disulfide	4.38	76	315047	50.397	ug/l	100
18) Methyl Acetate	4.67	43	49690	51.964	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	173303	52.906	ug/l	100
20) Methylene Chloride	4.92	84	111877	47.603	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117545	50.791	ug/l	97
22) Diisopropyl ether	6.31	45	361932	51.850	ug/l	99
23) Vinyl Acetate	6.26	43	1111523	261.948	ug/l	99
24) 1,1-Dichloroethane	6.21	63	212354	50.744	ug/l	100
25) 2-Butanone	7.17	43	148629	264.722	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135357	48.801	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130320	51.858	ug/l	98
28) Bromochloromethane	7.51	49	86617	51.477	ug/l	99
29) Tetrahydrofuran	7.53	42	96836	262.075	ug/l	98
30) Chloroform	7.68	83	211358	50.833	ug/l	100
31) Cyclohexane	7.95	56	197718	46.533	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	176611	50.538	ug/l	100
36) 1,1-Dichloropropene	8.08	75	170622	48.851	ug/l	100
37) Ethyl Acetate	7.25	43	70668	52.144	ug/l	99
38) Carbon Tetrachloride	8.07	117	159351	48.802	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215430	48.726	ug/l	100
40) Benzene	8.32	78	477098	50.084	ug/l	100
41) Methacrylonitrile	7.48	41	45194	52.779	ug/l	96
42) 1,2-Dichloroethane	8.40	62	147769	50.930	ug/l	100
43) Isopropyl Acetate	8.42	43	147986	51.921	ug/l	99
44) Trichloroethene	9.09	130	122960	49.803	ug/l	99
45) 1,2-Dichloropropane	9.37	63	118471	50.345	ug/l	99
46) Dibromomethane	9.46	93	60019	51.280	ug/l	97
47) Bromodichloromethane	9.64	83	162884	51.065	ug/l	99
48) Methyl methacrylate	9.43	41	68528	52.051	ug/l	99
49) 1,4-Dioxane	9.45	88	14797	1004.606	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	346744	259.588	ug/l	99
52) Toluene	10.38	92	308188	49.785	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	169023	51.914	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193845	50.565	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	84344	50.961	ug/l	96
56) Ethyl methacrylate	10.65	69	117777	51.792	ug/l	98
57) 1,3-Dichloropropane	10.93	76	151474	50.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	288454	260.734	ug/l	100
59) 2-Hexanone	10.97	43	237025	262.252	ug/l	100
60) Dibromochloromethane	11.13	129	102597	51.543	ug/l	100
61) 1,2-Dibromoethane	11.23	107	81321	51.893	ug/l	100
64) Tetrachloroethene	10.86	164	98752	49.503	ug/l	94
65) Chlorobenzene	11.66	112	321108	49.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114761	50.300	ug/l	98
67) Ethyl Benzene	11.73	91	608547	49.408	ug/l	99
68) m/p-Xylenes	11.84	106	457617	99.932	ug/l	98
69) o-Xylene	12.16	106	214028	49.737	ug/l	99
70) Styrene	12.18	104	376165	50.756	ug/l	99
71) Bromoform	12.35	173	59063	53.084	ug/l #	100
73) Isopropylbenzene	12.46	105	595589	49.115	ug/l	100
74) N-amyl acetate	12.27	43	145143	50.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96750	51.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65128m	48.741	ug/l	
77) Bromobenzene	12.75	156	129079	50.229	ug/l	99
78) n-propylbenzene	12.80	91	712202	48.953	ug/l	100
79) 2-Chlorotoluene	12.89	91	407899	49.737	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	517170	50.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35115	51.982	ug/l	98
82) 4-Chlorotoluene	12.99	91	432912	49.810	ug/l	100
83) tert-Butylbenzene	13.21	119	434252	49.825	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	515377	50.437	ug/l	100
85) sec-Butylbenzene	13.38	105	613054	49.923	ug/l	100
86) p-Isopropyltoluene	13.49	119	567290	50.651	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254527	49.723	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	252341	49.776	ug/l	99
89) n-Butylbenzene	13.82	91	550213	50.182	ug/l	100
90) Hexachloroethane	14.09	117	104254	50.513	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	226135	51.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16863	50.919	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	155122	52.074	ug/l	99
94) Hexachlorobutadiene	15.23	225	90371	51.195	ug/l	98
95) Naphthalene	15.36	128	283377	53.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	129426	50.567	ug/l	96

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

