

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010454.D
 Acq On : 20 May 2019 17:48
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW052019

Manual Integrations
 APPROVED

MMDadoda
 5/21/2019 11:28:57 AM

Quant Time: May 21 06:56:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	152578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	257291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	75010	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.88	113	78975	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.32	98	303842	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.62	95	116210	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	68325	50.266	ug/l	99
3) Chloromethane	2.21	50	81879	51.076	ug/l	99
4) Vinyl Chloride	2.35	62	92818	49.985	ug/l	99
5) Bromomethane	2.75	94	63811	49.952	ug/l	100
6) Chloroethane	2.91	64	60996	51.170	ug/l	99
7) Trichlorofluoromethane	3.25	101	135146	49.297	ug/l	98
8) Diethyl Ether	3.68	74	41587	47.855	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	83139	49.244	ug/l	99
10) Methyl Iodide	4.27	142	94106	48.767	ug/l	97
11) Tert butyl alcohol	5.17	59	31776	224.315	ug/l	99
12) 1,1-Dichloroethene	4.04	96	80087	49.693	ug/l	98
13) Acrolein	3.90	56	18085	216.071	ug/l	93
14) Allyl chloride	4.67	41	114505	49.084	ug/l	100
15) Acrylonitrile	5.37	53	86112	236.605	ug/l	99
16) Acetone	4.12	43	80582	250.671	ug/l	98
17) Carbon Disulfide	4.37	76	242741	50.497	ug/l	100
18) Methyl Acetate	4.67	43	34855	44.333	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	197923	48.173	ug/l	97
20) Methylene Chloride	4.92	84	84662	44.307	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	91697	49.604	ug/l	98
22) Diisopropyl ether	6.31	45	232074	48.517	ug/l	99
23) Vinyl Acetate	6.26	43	701313	245.445	ug/l	100
24) 1,1-Dichloroethane	6.21	63	141553	49.589	ug/l	100
25) 2-Butanone	7.17	43	107875	234.487	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135526	49.843	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	99662	49.590	ug/l	99
28) Bromochloromethane	7.51	49	51474	50.365	ug/l	98
29) Tetrahydrofuran	7.53	42	71835	230.756	ug/l	99
30) Chloroform	7.68	83	150038	48.730	ug/l	99
31) Cyclohexane	7.95	56	141762	47.411	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	145942	49.592	ug/l	99
36) 1,1-Dichloropropene	8.09	75	119072	49.680	ug/l	99
37) Ethyl Acetate	7.25	43	48770	47.850	ug/l	100
38) Carbon Tetrachloride	8.07	117	131162	50.729	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	164338	51.178	ug/l	97
40) Benzene	8.32	78	336262	50.476	ug/l	99
41) Methacrylonitrile	7.48	41	28125	46.442	ug/l	97
42) 1,2-Dichloroethane	8.40	62	93928	49.332	ug/l	99
43) Isopropyl Acetate	8.43	43	98279	48.266	ug/l	99
44) Trichloroethene	9.09	130	101223	51.181	ug/l	98
45) 1,2-Dichloropropane	9.37	63	79827	50.455	ug/l	99
46) Dibromomethane	9.46	93	45731	49.424	ug/l	98
47) Bromodichloromethane	9.65	83	115956	49.869	ug/l	97
48) Methyl methacrylate	9.43	41	45086	48.400	ug/l	99
49) 1,4-Dioxane	9.45	88	14645	968.907	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	246483	238.889	ug/l	100
52) Toluene	10.39	92	224471	50.174	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	117401	49.854	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	136998	50.939	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66894	50.275	ug/l	96
56) Ethyl methacrylate	10.65	69	87883	47.891	ug/l	99
57) 1,3-Dichloropropane	10.93	76	110981	49.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	203936	250.905	ug/l	100
59) 2-Hexanone	10.97	43	175837	238.901	ug/l	100
60) Dibromochloromethane	11.13	129	83590	49.639	ug/l	100
61) 1,2-Dibromoethane	11.24	107	65872	48.872	ug/l	99
64) Tetrachloroethene	10.86	164	80665	51.201	ug/l	98
65) Chlorobenzene	11.66	112	243999	50.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	88059	51.036	ug/l	99
67) Ethyl Benzene	11.73	91	430498	50.623	ug/l	100
68) m/p-Xylenes	11.84	106	340321	102.029	ug/l	99
69) o-Xylene	12.17	106	162628	51.461	ug/l	97
70) Styrene	12.18	104	276286	51.526	ug/l	99
71) Bromoform	12.35	173	48548	51.094	ug/l #	98
73) Isopropylbenzene	12.47	105	440495	49.787	ug/l	100
74) N-amyl acetate	12.27	43	97163	47.923	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	74505	46.298	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53410m	47.192	ug/l	
77) Bromobenzene	12.75	156	99963	50.488	ug/l	98
78) n-propylbenzene	12.80	91	509215	49.387	ug/l	100
79) 2-Chlorotoluene	12.90	91	291165	48.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	371296	49.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26659	49.161	ug/l	96
82) 4-Chlorotoluene	12.99	91	307901	49.610	ug/l	99
83) tert-Butylbenzene	13.21	119	321156	49.065	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	371174	49.734	ug/l	100
85) sec-Butylbenzene	13.38	105	451129	49.250	ug/l	100
86) p-Isopropyltoluene	13.50	119	413510	49.874	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	195876	50.425	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	193987	49.774	ug/l	99
89) n-Butylbenzene	13.83	91	396894	50.327	ug/l	100
90) Hexachloroethane	14.10	117	80673	50.270	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	177262	50.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13853	46.295	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	125235	52.004	ug/l	99
94) Hexachlorobutadiene	15.24	225	67069	52.133	ug/l	97
95) Naphthalene	15.37	128	256513	50.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	108929	52.568	ug/l	99

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

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