

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012202.D
 Acq On : 27 Aug 2019 10:40
 Operator : SY/VA
 Sample : K4514-03REMS
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Quant Time: Aug 28 04:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	511	85.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.92%	
35) Dibromofluoromethane	7.88	113	223	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.32	98	931	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.61	95	929	129.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	46	14.852	ug/l #	43
3) Chloromethane	2.21	50	435	90.655	ug/l	94
4) Vinyl Chloride	2.35	62	46	7.832	ug/l #	43
5) Bromomethane	2.77	94	132	44.379	ug/l #	4
6) Chloroethane	2.91	64	186	56.141	ug/l #	45
7) Trichlorofluoromethane	3.00	101	19	6.443	ug/l #	18
8) Diethyl Ether	3.68	74	1805	644.830	ug/l	60
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133902	26712.414	ug/l	99
11) Tert butyl alcohol	5.17	59	364	1011.562	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	189	37.460	ug/l #	1
13) Acrolein	4.03	56	20	59.045	ug/l #	15
14) Allyl chloride	4.64	41	69	6.397	ug/l #	1
15) Acrylonitrile	5.37	53	74	53.335	ug/l #	33
16) Acetone	4.13	43	50724	33186.122	ug/l	96
17) Carbon Disulfide	4.39	76	859	56.335	ug/l #	75
18) Methyl Acetate	4.66	43	350	92.452	ug/l #	82
19) Methyl tert-butyl Ether	5.42	73	46	5.638	ug/l #	1
20) Methylene Chloride	4.92	84	15788	2732.324	ug/l	92
21) trans-1,2-Dichloroethene	5.30	96	24	4.436	ug/l #	1
22) Diisopropyl ether	6.35	45	24	1.200	ug/l #	36
23) Vinyl Acetate	6.26	43	151	12.272	ug/l #	77
24) 1,1-Dichloroethane	5.93	63	19	1.745	ug/l #	84
25) 2-Butanone	7.18	43	5447	2622.513	ug/l	93
26) 2,2-Dichloropropane	7.15	77	456	74.007	ug/l #	54
27) cis-1,2-Dichloroethene	7.15	96	189	32.696	ug/l #	1
28) Bromochloromethane	7.51	49	22	4.637	ug/l #	24
29) Tetrahydrofuran	7.53	42	15421	12375.198	ug/l	98
30) Chloroform	7.66	83	143	14.358	ug/l #	19
31) Cyclohexane	7.96	56	232	21.541	ug/l #	90
36) 1,1-Dichloropropene	7.99	75	19	2.184	ug/l #	44
37) Ethyl Acetate	7.18	43	5447	1142.391	ug/l #	73
38) Carbon Tetrachloride	7.93	117	19	2.523	ug/l #	12
39) Methylcyclohexane	9.32	83	424	43.376	ug/l #	72
40) Benzene	8.33	78	6255	263.269	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.54	41	8902	3176.605	ug/l #	53
42) 1,2-Dichloroethane	8.41	62	19	2.552	ug/l #	77
43) Isopropyl Acetate	8.41	43	204	23.098	ug/l #	70
44) Trichloroethene	9.09	130	520	90.032	ug/l	94
45) 1,2-Dichloropropane	9.13	63	30	4.692	ug/l #	43
47) Bromodichloromethane	9.89	83	76	10.037	ug/l #	25
48) Methyl methacrylate	9.43	41	93	22.124	ug/l #	39
49) 1,4-Dioxane	9.58	88	22	505.125	ug/l #	12
51) 4-Methyl-2-Pentanone	10.21	43	397	88.375	ug/l #	40
52) Toluene	10.39	92	18734	1312.542	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	40	5.186	ug/l #	1
54) cis-1,3-Dichloropropene	10.23	75	22	2.362	ug/l #	15
55) 1,1,2-Trichloroethane	10.77	97	62	15.403	ug/l #	32
56) Ethyl methacrylate	10.66	69	88	15.021	ug/l #	25
57) 1,3-Dichloropropane	10.94	76	63	8.282	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.99	63	18	5.987	ug/l #	50
59) 2-Hexanone	10.98	43	370	116.406	ug/l	95
60) Dibromochloromethane	11.10	129	98	21.858	ug/l #	11
61) 1,2-Dibromoethane	11.35	107	41	10.933	ug/l #	55
64) Tetrachloroethene	10.86	164	258	41.068	ug/l #	69
65) Chlorobenzene	11.65	112	259	13.574	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.59	131	28	4.206	ug/l #	1
67) Ethyl Benzene	11.74	91	1233	33.546	ug/l	94
68) m/p-Xylenes	11.84	106	665	50.228	ug/l	89
69) o-Xylene	12.16	106	366	29.868	ug/l	78
70) Styrene	12.18	104	500	23.574	ug/l #	81
71) Bromoform	12.35	173	84	25.329	ug/l #	28
73) Isopropylbenzene	12.46	105	670	7.941	ug/l	78
74) N-amyl acetate	12.28	43	147	5.767	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.73	83	250	16.162	ug/l #	55
76) 1,2,3-Trichloropropane	12.77	75	189	17.234	ug/l #	100
77) Bromobenzene	12.74	156	118	6.465	ug/l #	1
78) n-propylbenzene	12.80	91	954	9.262	ug/l	97
79) 2-Chlorotoluene	12.89	91	770	13.167	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	795	11.276	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	654	130.755	ug/l #	8
82) 4-Chlorotoluene	12.99	91	805	13.147	ug/l	88
83) tert-Butylbenzene	13.22	119	560	9.377	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.25	105	1270	17.933	ug/l	94
85) sec-Butylbenzene	13.38	105	1012	11.828	ug/l	96
86) p-Isopropyltoluene	13.50	119	997	13.048	ug/l	94
87) 1,3-Dichlorobenzene	13.50	146	499	13.977	ug/l #	70
88) 1,4-Dichlorobenzene	13.58	146	552	15.571	ug/l #	71
89) n-Butylbenzene	13.82	91	1407	18.517	ug/l	97
90) Hexachloroethane	14.09	117	270	20.140	ug/l #	40
91) 1,2-Dichlorobenzene	13.87	146	441	14.080	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.54	75	49	18.791	ug/l	91
93) 1,2,4-Trichlorobenzene	15.13	180	829	38.301	ug/l #	44
94) Hexachlorobutadiene	15.24	225	361	25.259	ug/l	99
95) Naphthalene	15.36	128	3212	73.411	ug/l #	93

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96) 1,2,3-Trichlorobenzene	15.55	180	1004	53.166	ug/l #	49
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

