

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011515.D
 Acq On : 26 Jul 2019 14:10
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072719

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:18:49 AM

Quant Time: Jul 27 05:41:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128073	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.88	113	104493	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.32	98	428181	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	153169	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58348	46.203	ug/l	100
3) Chloromethane	2.21	50	97047	44.317	ug/l	99
4) Vinyl Chloride	2.36	62	120457	45.690	ug/l	99
5) Bromomethane	2.78	94	67296	46.116	ug/l	99
6) Chloroethane	2.92	64	69186	45.942	ug/l	97
7) Trichlorofluoromethane	3.25	101	55065	46.735	ug/l	98
8) Diethyl Ether	3.68	74	61203	45.814	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103547	46.328	ug/l	99
10) Methyl Iodide	4.27	142	145150	45.954	ug/l	100
11) Tert butyl alcohol	5.17	59	42941	221.596	ug/l	98
12) 1,1-Dichloroethene	4.04	96	108946	46.165	ug/l	98
13) Acrolein	3.89	56	44982	240.934	ug/l	99
14) Allyl chloride	4.67	41	232018	46.225	ug/l	100
15) Acrylonitrile	5.36	53	154458	231.617	ug/l	98
16) Acetone	4.12	43	194612	235.130	ug/l	99
17) Carbon Disulfide	4.39	76	343930	46.564	ug/l	99
18) Methyl Acetate	4.67	43	85294	45.873	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	173744	46.395	ug/l	95
20) Methylene Chloride	4.92	84	123503	43.266	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	117647	46.240	ug/l	99
22) Diisopropyl ether	6.31	45	435217	45.990	ug/l	97
23) Vinyl Acetate	6.25	43	1394775	234.563	ug/l	99
24) 1,1-Dichloroethane	6.21	63	231052	45.589	ug/l	99
25) 2-Butanone	7.17	43	245656	226.820	ug/l	98
26) 2,2-Dichloropropane	7.17	77	133985	42.987	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	126835	45.296	ug/l	98
28) Bromochloromethane	7.51	49	115144	51.185	ug/l #	100
29) Tetrahydrofuran	7.52	42	141674	228.847	ug/l	99
30) Chloroform	7.68	83	209628	44.833	ug/l	100
31) Cyclohexane	7.95	56	218338	44.879	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	164174	46.105	ug/l	99
36) 1,1-Dichloropropene	8.08	75	175464	46.077	ug/l	99
37) Ethyl Acetate	7.25	43	100604	45.919	ug/l	98
38) Carbon Tetrachloride	8.07	117	151847	46.579	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199074	47.476	ug/l	99
40) Benzene	8.32	78	485635	45.528	ug/l	100
41) Methacrylonitrile	7.48	41	59718	45.598	ug/l	95
42) 1,2-Dichloroethane	8.40	62	152991	45.812	ug/l	99
43) Isopropyl Acetate	8.42	43	187215	46.464	ug/l	98
44) Trichloroethene	9.09	130	119569	46.639	ug/l	98
45) 1,2-Dichloropropane	9.37	63	131342	46.020	ug/l	100
46) Dibromomethane	9.46	93	59980	46.045	ug/l	98
47) Bromodichloromethane	9.65	83	156885	45.913	ug/l	99
48) Methyl methacrylate	9.43	41	91697	47.377	ug/l	99
49) 1,4-Dioxane	9.45	88	17752	941.186	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	487604	232.659	ug/l	100
52) Toluene	10.39	92	300263	46.613	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167512	46.930	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	199520	47.012	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85213	46.105	ug/l	98
56) Ethyl methacrylate	10.65	69	128845	47.640	ug/l	98
57) 1,3-Dichloropropane	10.93	76	161738	46.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	357461	291.096	ug/l	99
59) 2-Hexanone	10.97	43	351623	237.621	ug/l	99
60) Dibromochloromethane	11.13	129	96509	47.041	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81185	46.416	ug/l	100
64) Tetrachloroethene	10.86	164	95035	44.370	ug/l	99
65) Chlorobenzene	11.66	112	299232	45.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	105653	45.863	ug/l	99
67) Ethyl Benzene	11.73	91	578192	45.903	ug/l	99
68) m/p-Xylenes	11.84	106	419388	91.554	ug/l	100
69) o-Xylene	12.16	106	196355	46.128	ug/l	100
70) Styrene	12.18	104	344146	46.760	ug/l	99
71) Bromoform	12.35	173	54377	46.295	ug/l #	99
73) Isopropylbenzene	12.46	105	544325	46.779	ug/l	100
74) N-amyl acetate	12.27	43	176705	48.505	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	101829	46.524	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70251m	42.566	ug/l	
77) Bromobenzene	12.75	156	119417	46.431	ug/l	99
78) n-propylbenzene	12.80	91	670605	47.355	ug/l	100
79) 2-Chlorotoluene	12.89	91	381343	46.743	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	462229	47.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33199	46.360	ug/l	98
82) 4-Chlorotoluene	12.99	91	395874	46.248	ug/l	99
83) tert-Butylbenzene	13.21	119	387481	47.504	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	464565	47.280	ug/l	99
85) sec-Butylbenzene	13.38	105	553108	47.523	ug/l	100
86) p-Isopropyltoluene	13.50	119	500375	47.384	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	235198	46.638	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	233953	46.636	ug/l	100
89) n-Butylbenzene	13.82	91	504143	47.840	ug/l	99
90) Hexachloroethane	14.09	117	88959	47.641	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	208177	46.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17503	46.895	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	154576	49.173	ug/l	100
94) Hexachlorobutadiene	15.24	225	94580	48.247	ug/l	99
95) Naphthalene	15.37	128	286441	46.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	137650	49.955	ug/l	100

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

