

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051619\
 Data File : VW010415.D
 Acq On : 16 May 2019 21:48
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051619

Quant Time: May 17 09:07:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 09:02:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	917150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1627296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1494854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	726333	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	483169	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	486316	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.32	98	1848930	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	718776	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	260024	50.051	ug/l	100
3) Chloromethane	2.21	50	375777	50.144	ug/l	99
4) Vinyl Chloride	2.37	62	481674	48.865	ug/l	99
5) Bromomethane	2.78	94	332762	51.650	ug/l	99
6) Chloroethane	2.92	64	304597	52.406	ug/l	97
7) Trichlorofluoromethane	3.25	101	257325	47.951	ug/l	96
8) Diethyl Ether	3.67	74	271191	57.305	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	417859	50.058	ug/l	99
10) Methyl Iodide	4.27	142	703574	51.568	ug/l	99
11) Tert butyl alcohol	5.18	59	196747	260.020	ug/l	98
12) 1,1-Dichloroethene	4.03	96	438659	49.220	ug/l	94
13) Acrolein	3.89	56	98870	215.005	ug/l	98
14) Allyl chloride	4.65	41	560783	50.406	ug/l	99
15) Acrylonitrile	5.36	53	545672	258.923	ug/l	99
16) Acetone	4.12	43	475953	276.763	ug/l	99
17) Carbon Disulfide	4.38	76	1167818	48.481	ug/l	98
18) Methyl Acetate	4.67	43	282300	51.767	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	646062	52.002	ug/l	98
20) Methylene Chloride	4.91	84	480020	48.790	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	495527	50.110	ug/l	98
22) Diisopropyl ether	6.31	45	1397382	51.354	ug/l	99
23) Vinyl Acetate	6.25	43	4745466	251.406	ug/l	99
24) 1,1-Dichloroethane	6.21	63	854170	50.818	ug/l	98
25) 2-Butanone	7.17	43	830813	256.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	408654	48.138	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	584451	51.064	ug/l	99
28) Bromochloromethane	7.51	49	394751	55.615	ug/l	100
29) Tetrahydrofuran	7.52	42	543632	251.116	ug/l	99
30) Chloroform	7.67	83	904684	51.408	ug/l	98
31) Cyclohexane	7.95	56	739488	50.314	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	691287	50.470	ug/l	99
36) 1,1-Dichloropropene	8.08	75	668686	47.664	ug/l	99
37) Ethyl Acetate	7.26	43	365545	50.972	ug/l	99
38) Carbon Tetrachloride	8.06	117	697980	49.004	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	877061	47.330	ug/l	99
40) Benzene	8.32	78	2012767	49.162	ug/l	99
41) Methacrylonitrile	7.48	41	216519	50.671	ug/l	99
42) 1,2-Dichloroethane	8.40	62	599507	50.296	ug/l	100
43) Isopropyl Acetate	8.43	43	735602	50.006	ug/l	99
44) Trichloroethene	9.09	130	566683	48.565	ug/l	98
45) 1,2-Dichloropropane	9.37	63	511040	50.197	ug/l	98
46) Dibromomethane	9.46	93	292296	49.496	ug/l	99
47) Bromodichloromethane	9.64	83	736709	50.835	ug/l	99
48) Methyl methacrylate	9.43	41	332211	49.263	ug/l	98
49) 1,4-Dioxane	9.45	88	108046	1023.216	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1885855	246.795	ug/l	100
52) Toluene	10.38	92	1340786	49.042	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	756691	49.391	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	861213	49.743	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	426140	49.781	ug/l	99
56) Ethyl methacrylate	10.65	69	607174	49.502	ug/l	100
57) 1,3-Dichloropropane	10.93	76	725121	50.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1427108	270.712	ug/l	100
59) 2-Hexanone	10.97	43	1337043	246.995	ug/l	99
60) Dibromochloromethane	11.13	129	535499	50.103	ug/l	99
61) 1,2-Dibromoethane	11.24	107	438702	50.770	ug/l	100
64) Tetrachloroethene	10.86	164	497913	50.229	ug/l	100
65) Chlorobenzene	11.66	112	1473675	49.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	549241	49.940	ug/l	99
67) Ethyl Benzene	11.73	91	2583474	48.915	ug/l	99
68) m/p-Xylenes	11.84	106	2045667	98.879	ug/l	99
69) o-Xylene	12.16	106	986374	49.414	ug/l	99
70) Styrene	12.18	104	1725591	49.574	ug/l	100
71) Bromoform	12.35	173	327423	51.041	ug/l #	99
73) Isopropylbenzene	12.46	105	2602379	48.988	ug/l	99
74) N-amyl acetate	12.27	43	732277	48.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	522125	49.868	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	360335m	45.631	ug/l	
77) Bromobenzene	12.75	156	628305	51.058	ug/l	98
78) n-propylbenzene	12.80	91	3044802	49.050	ug/l	100
79) 2-Chlorotoluene	12.89	91	1800611	49.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2239341	48.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	183127	47.802	ug/l	99
82) 4-Chlorotoluene	12.99	91	1878863	49.598	ug/l	100
83) tert-Butylbenzene	13.21	119	1900821	49.335	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2267740	49.584	ug/l	99
85) sec-Butylbenzene	13.38	105	2666972	48.951	ug/l	100
86) p-Isopropyltoluene	13.50	119	2429458	48.939	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	1183044	49.652	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1187245	49.860	ug/l	100
89) n-Butylbenzene	13.83	91	2300079	48.604	ug/l	100
90) Hexachloroethane	14.10	117	491111	49.951	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1107655	50.708	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	97816	49.984	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	761703	50.332	ug/l	99
94) Hexachlorobutadiene	15.24	225	384220	49.892	ug/l	100
95) Naphthalene	15.37	128	1764073	52.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	694069	51.352	ug/l	99

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

