

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012072.D
 Acq On : 21 Aug 2019 15:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 06:32:20 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	236708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140356	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.88	113	115305	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	10.32	98	463342	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	165339	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62485	47.365	ug/l	95
3) Chloromethane	2.21	50	108216	47.307	ug/l	98
4) Vinyl Chloride	2.36	62	138858	50.420	ug/l	99
5) Bromomethane	2.76	94	68223	44.754	ug/l	100
6) Chloroethane	2.91	64	81551	51.839	ug/l	98
7) Trichlorofluoromethane	3.25	101	76420	62.089	ug/l	99
8) Diethyl Ether	3.68	74	73112	52.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127157	54.461	ug/l	99
10) Methyl Iodide	4.27	142	174615	52.921	ug/l	100
11) Tert butyl alcohol	5.18	59	47579	236.208	ug/l	99
12) 1,1-Dichloroethene	4.04	96	131516	53.349	ug/l	97
13) Acrolein	3.89	56	40726	208.820	ug/l	99
14) Allyl chloride	4.67	41	280310	53.461	ug/l	100
15) Acrylonitrile	5.37	53	191834	275.377	ug/l	98
16) Acetone	4.12	43	185603	214.667	ug/l	98
17) Carbon Disulfide	4.38	76	363804	47.151	ug/l	99
18) Methyl Acetate	4.67	43	103587	53.331	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	219465	56.100	ug/l	98
20) Methylene Chloride	4.92	84	143948	48.274	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	140508	52.867	ug/l	99
22) Diisopropyl ether	6.31	45	536505	54.272	ug/l	99
23) Vinyl Acetate	6.25	43	1709462	275.205	ug/l	100
24) 1,1-Dichloroethane	6.21	63	285583	53.941	ug/l	99
25) 2-Butanone	7.17	43	279088	246.682	ug/l	99
26) 2,2-Dichloropropane	7.17	77	156178	47.967	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	155129	53.034	ug/l	99
28) Bromochloromethane	7.51	49	125038	53.208	ug/l	99
29) Tetrahydrofuran	7.53	42	176674	273.193	ug/l	99
30) Chloroform	7.68	83	260662	53.366	ug/l	98
31) Cyclohexane	7.95	56	264512	52.048	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	205801	55.326	ug/l	99
36) 1,1-Dichloropropene	8.08	75	219942	55.716	ug/l	99
37) Ethyl Acetate	7.25	43	125990	55.474	ug/l	99
38) Carbon Tetrachloride	8.07	117	186988	55.332	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248293	57.122	ug/l	99
40) Benzene	8.32	78	597041	53.995	ug/l	99
41) Methacrylonitrile	7.48	41	81761	60.223	ug/l	95
42) 1,2-Dichloroethane	8.40	62	186036	53.738	ug/l	99
43) Isopropyl Acetate	8.42	43	234436	56.128	ug/l	100
44) Trichloroethene	9.09	130	146498	55.124	ug/l	97
45) 1,2-Dichloropropane	9.37	63	160678	54.309	ug/l	100
46) Dibromomethane	9.46	93	73035	54.086	ug/l	98
47) Bromodichloromethane	9.65	83	192524	54.352	ug/l	100
48) Methyl methacrylate	9.43	41	111533	55.589	ug/l	99
49) 1,4-Dioxane	9.45	88	21939	1122.070	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	607409	279.582	ug/l	100
52) Toluene	10.39	92	366978	54.957	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	203165	54.907	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241750	54.950	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106105	55.380	ug/l	98
56) Ethyl methacrylate	10.65	69	160022	57.076	ug/l	99
57) 1,3-Dichloropropane	10.93	76	199303	54.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	413015	324.450	ug/l	100
59) 2-Hexanone	10.97	43	418619	272.899	ug/l	99
60) Dibromochloromethane	11.13	129	117664	55.326	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100259	55.296	ug/l	99
64) Tetrachloroethene	10.86	164	119691	55.593	ug/l	98
65) Chlorobenzene	11.66	112	367714	55.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130914	56.536	ug/l	100
67) Ethyl Benzene	11.73	91	716530	56.593	ug/l	100
68) m/p-Xylenes	11.84	106	514465	111.732	ug/l	99
69) o-Xylene	12.16	106	242799	56.745	ug/l	100
70) Styrene	12.18	104	419509	56.706	ug/l	99
71) Bromoform	12.35	173	66808	56.586	ug/l #	98
73) Isopropylbenzene	12.46	105	679466	57.035	ug/l	100
74) N-amyl acetate	12.27	43	213367	57.207	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	126475	56.441	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	87708m	51.908	ug/l	
77) Bromobenzene	12.75	156	146423	55.607	ug/l	100
78) n-propylbenzene	12.80	91	828461	57.142	ug/l	100
79) 2-Chlorotoluene	12.89	91	470369	56.315	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	566152	56.694	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41915	57.170	ug/l	99
82) 4-Chlorotoluene	12.99	91	481122	54.901	ug/l	99
83) tert-Butylbenzene	13.21	119	483392	57.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	562754	55.942	ug/l	99
85) sec-Butylbenzene	13.38	105	691549	58.037	ug/l	99
86) p-Isopropyltoluene	13.50	119	621658	57.501	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	283652	54.939	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	278811	54.285	ug/l	99
89) n-Butylbenzene	13.82	91	625503	57.976	ug/l	99
90) Hexachloroethane	14.09	117	106439	55.677	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	252927	55.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21605	56.539	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	183626	57.057	ug/l	99
94) Hexachlorobutadiene	15.24	225	116741	58.167	ug/l	99
95) Naphthalene	15.36	128	343252	54.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	160469	56.883	ug/l	99

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

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