

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012058.D
 Acq On : 21 Aug 2019 08:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 07:42:17 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	247442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147584	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.88	113	122304	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
50) Toluene-d8	10.32	98	496945	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.62	95	173237	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	69106	50.112	ug/l	93
3) Chloromethane	2.21	50	109647	45.853	ug/l	99
4) Vinyl Chloride	2.36	62	143723	49.923	ug/l	100
5) Bromomethane	2.78	94	72934	45.769	ug/l	98
6) Chloroethane	2.92	64	84271	51.245	ug/l	100
7) Trichlorofluoromethane	3.26	101	75297	58.523	ug/l	97
8) Diethyl Ether	3.68	74	72887	49.964	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127419	52.206	ug/l	100
10) Methyl Iodide	4.27	142	174084	50.472	ug/l	100
11) Tert butyl alcohol	5.18	59	44354	208.567	ug/l	98
12) 1,1-Dichloroethene	4.04	96	131520	51.036	ug/l	95
13) Acrolein	3.89	56	47616	233.557	ug/l	99
14) Allyl chloride	4.67	41	284643	51.932	ug/l	99
15) Acrylonitrile	5.37	53	179919	247.069	ug/l	99
16) Acetone	4.12	43	212833	235.482	ug/l	97
17) Carbon Disulfide	4.39	76	376714	46.706	ug/l	99
18) Methyl Acetate	4.67	43	94769	46.675	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	209603	51.255	ug/l	97
20) Methylene Chloride	4.92	84	140596	45.105	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	140033	50.402	ug/l	95
22) Diisopropyl ether	6.31	45	520154	50.335	ug/l	97
23) Vinyl Acetate	6.25	43	1627356	250.622	ug/l	99
24) 1,1-Dichloroethane	6.21	63	280471	50.678	ug/l	99
25) 2-Butanone	7.17	43	278548	235.524	ug/l	96
26) 2,2-Dichloropropane	7.17	77	161710	47.511	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	152549	49.889	ug/l	99
28) Bromochloromethane	7.51	49	126081	51.325	ug/l	100
29) Tetrahydrofuran	7.53	42	160684	237.689	ug/l	100
30) Chloroform	7.67	83	254174	49.781	ug/l	98
31) Cyclohexane	7.95	56	258919	48.737	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	205303	52.798	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216160	53.328	ug/l	99
37) Ethyl Acetate	7.25	43	114668	49.171	ug/l	98
38) Carbon Tetrachloride	8.07	117	186355	53.705	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241368	54.079	ug/l	96
40) Benzene	8.32	78	582778	51.329	ug/l	99
41) Methacrylonitrile	7.48	41	69377	49.768	ug/l	96
42) 1,2-Dichloroethane	8.40	62	177970	50.066	ug/l	99
43) Isopropyl Acetate	8.42	43	220391	51.388	ug/l	99
44) Trichloroethene	9.09	130	142652	52.275	ug/l	98
45) 1,2-Dichloropropane	9.37	63	157729	51.921	ug/l	99
46) Dibromomethane	9.46	93	70709	50.996	ug/l	100
47) Bromodichloromethane	9.64	83	187121	51.448	ug/l	99
48) Methyl methacrylate	9.43	41	105134	51.032	ug/l	97
49) 1,4-Dioxane	9.46	88	20803	1036.194	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	558288	250.264	ug/l	100
52) Toluene	10.39	92	358553	52.294	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	196806	51.800	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	235316	52.091	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100474	51.072	ug/l	100
56) Ethyl methacrylate	10.65	69	150605	52.315	ug/l	99
57) 1,3-Dichloropropane	10.93	76	188677	50.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	427708	327.222	ug/l	100
59) 2-Hexanone	10.97	43	417582	265.117	ug/l	99
60) Dibromochloromethane	11.13	129	113616	52.028	ug/l	98
61) 1,2-Dibromoethane	11.24	107	94364	50.686	ug/l	100
64) Tetrachloroethene	10.87	164	116858	53.538	ug/l	95
65) Chlorobenzene	11.66	112	356788	52.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	124067	52.848	ug/l	99
67) Ethyl Benzene	11.73	91	693884	54.057	ug/l	100
68) m/p-Xylenes	11.84	106	501100	107.346	ug/l	100
69) o-Xylene	12.16	106	233671	53.868	ug/l	99
70) Styrene	12.18	104	404989	53.997	ug/l	99
71) Bromoform	12.35	173	63297	52.882	ug/l	98
73) Isopropylbenzene	12.46	105	655950	54.161	ug/l	100
74) N-amyl acetate	12.27	43	199564	52.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116678	51.217	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82088m	47.787	ug/l	
77) Bromobenzene	12.75	156	139997	52.297	ug/l	99
78) n-propylbenzene	12.80	91	800541	54.313	ug/l	100
79) 2-Chlorotoluene	12.89	91	450771	53.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	550756	54.250	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39977	53.635	ug/l	99
82) 4-Chlorotoluene	12.99	91	471553	52.929	ug/l	100
83) tert-Butylbenzene	13.21	119	469134	55.259	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	544839	53.275	ug/l	100
85) sec-Butylbenzene	13.38	105	670038	55.312	ug/l	100
86) p-Isopropyltoluene	13.50	119	602040	54.776	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	272894	51.991	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	268983	51.515	ug/l	99
89) n-Butylbenzene	13.82	91	600592	54.757	ug/l	100
90) Hexachloroethane	14.09	117	105544	54.306	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	240802	51.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19794	50.953	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	175030	53.496	ug/l	99
94) Hexachlorobutadiene	15.24	225	111989	54.887	ug/l	98
95) Naphthalene	15.36	128	317679	49.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	153221	53.425	ug/l	100

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

