

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012076.D
 Acq On : 21 Aug 2019 18:08
 Operator : SY/VA
 Sample : VW0821SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Quant Time: Aug 22 06:38:31 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	225854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132118	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	7.88	113	107949	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.32	98	440867	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.62	95	156276	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28627	22.743	ug/l	98
3) Chloromethane	2.21	50	46780	21.433	ug/l	98
4) Vinyl Chloride	2.36	62	57145	21.747	ug/l	96
5) Bromomethane	2.77	94	29435	20.237	ug/l	99
6) Chloroethane	2.92	64	32728	21.804	ug/l	100
7) Trichlorofluoromethane	3.25	101	28061	23.894	ug/l	95
8) Diethyl Ether	3.68	74	28321	21.270	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	50289	22.574	ug/l	99
10) Methyl Iodide	4.28	142	66043	20.978	ug/l	99
11) Tert butyl alcohol	5.17	59	18568	85.264	ug/l	99
12) 1,1-Dichloroethene	4.04	96	50860	21.623	ug/l	98
13) Acrolein	3.89	56	10290	55.297	ug/l	99
14) Allyl chloride	4.67	41	103383	20.665	ug/l	98
15) Acrylonitrile	5.37	53	73604	110.736	ug/l	100
16) Acetone	4.12	43	68771	83.362	ug/l	99
17) Carbon Disulfide	4.39	76	138986	18.879	ug/l	99
18) Methyl Acetate	4.67	43	41933	22.626	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	82382	22.071	ug/l	97
20) Methylene Chloride	4.92	84	57296	20.138	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	53724	21.185	ug/l	98
22) Diisopropyl ether	6.31	45	203022	21.524	ug/l	98
23) Vinyl Acetate	6.25	43	624384	105.350	ug/l	100
24) 1,1-Dichloroethane	6.21	63	108318	21.442	ug/l	99
25) 2-Butanone	7.17	43	106050	98.241	ug/l	98
26) 2,2-Dichloropropane	7.17	77	60106	19.347	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	58947	21.120	ug/l	100
28) Bromochloromethane	7.51	49	48102	21.453	ug/l	98
29) Tetrahydrofuran	7.53	42	70470	114.205	ug/l	97
30) Chloroform	7.68	83	99711	21.395	ug/l	97
31) Cyclohexane	7.95	56	102167	21.069	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	79294	22.341	ug/l	98
36) 1,1-Dichloropropene	8.08	75	81931	21.960	ug/l	98
37) Ethyl Acetate	7.25	43	47594	22.172	ug/l	99
38) Carbon Tetrachloride	8.07	117	70551	22.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92435	22.500	ug/l	98
40) Benzene	8.32	78	228499	21.864	ug/l	98
41) Methacrylonitrile	7.48	41	30307	23.619	ug/l	95
42) 1,2-Dichloroethane	8.40	62	71299	21.791	ug/l	100
43) Isopropyl Acetate	8.42	43	87550	22.178	ug/l	99
44) Trichloroethene	9.09	130	55138	21.951	ug/l	97
45) 1,2-Dichloropropane	9.37	63	60566	21.660	ug/l	96
46) Dibromomethane	9.46	93	28273	22.153	ug/l	98
47) Bromodichloromethane	9.65	83	71506	21.359	ug/l	98
48) Methyl methacrylate	9.43	41	41319	21.789	ug/l	99
49) 1,4-Dioxane	9.45	88	8513	460.671	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	228475	111.268	ug/l	100
52) Toluene	10.39	92	137787	21.832	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72983	20.869	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	85725	20.616	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	39968	22.072	ug/l	99
56) Ethyl methacrylate	10.65	69	57973	21.878	ug/l	100
57) 1,3-Dichloropropane	10.93	76	75127	21.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	150024	124.695	ug/l	98
59) 2-Hexanone	10.97	43	156277	107.791	ug/l	100
60) Dibromochloromethane	11.13	129	42324	21.056	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37138	21.672	ug/l	99
64) Tetrachloroethene	10.86	164	45977	22.953	ug/l	96
65) Chlorobenzene	11.66	112	137334	22.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47456	22.027	ug/l	99
67) Ethyl Benzene	11.73	91	265776	22.562	ug/l	98
68) m/p-Xylenes	11.84	106	194231	45.339	ug/l	98
69) o-Xylene	12.16	106	88318	22.185	ug/l	98
70) Styrene	12.18	104	153550	22.309	ug/l	99
71) Bromoform	12.35	173	23816	21.681	ug/l #	97
73) Isopropylbenzene	12.46	105	252886	22.579	ug/l	100
74) N-amyl acetate	12.27	43	78084	22.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48143	22.852	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34489m	21.711	ug/l	
77) Bromobenzene	12.75	156	53694	21.689	ug/l	98
78) n-propylbenzene	12.80	91	306990	22.522	ug/l	100
79) 2-Chlorotoluene	12.89	91	176532	22.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	212545	22.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14333	20.794	ug/l	92
82) 4-Chlorotoluene	12.99	91	182271	22.123	ug/l	100
83) tert-Butylbenzene	13.21	119	180218	22.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	210512	22.258	ug/l	100
85) sec-Butylbenzene	13.38	105	254494	22.717	ug/l	100
86) p-Isopropyltoluene	13.50	119	228609	22.491	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	105305	21.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105279	21.803	ug/l	99
89) n-Butylbenzene	13.82	91	226153	22.296	ug/l	99
90) Hexachloroethane	14.09	117	38566	21.457	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	94142	21.928	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8118	22.597	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64330	21.261	ug/l	98
94) Hexachlorobutadiene	15.24	225	43182	22.885	ug/l	99
95) Naphthalene	15.37	128	118667	21.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57371	21.631	ug/l	98

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

