

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012036.D
 Acq On : 20 Aug 2019 18:19
 Operator : SY/VA
 Sample : VW0820SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:29:57 AM

Quant Time: Aug 21 01:55:11 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	246794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147896	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	121548	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.32	98	494855	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.62	95	178373	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	31575	22.957	ug/l	92
3) Chloromethane	2.21	50	49605	20.799	ug/l	98
4) Vinyl Chloride	2.36	62	60505	21.072	ug/l	100
5) Bromomethane	2.76	94	30872	19.424	ug/l	100
6) Chloroethane	2.91	64	34207	20.856	ug/l	98
7) Trichlorofluoromethane	3.25	101	26458	20.618	ug/l	99
8) Diethyl Ether	3.68	74	31519	21.663	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53842	22.118	ug/l	98
10) Methyl Iodide	4.27	142	71658	20.830	ug/l	99
11) Tert butyl alcohol	5.17	59	21858	93.340	ug/l	98
12) 1,1-Dichloroethene	4.04	96	54316	21.133	ug/l	100
13) Acrolein	3.89	56	12464	61.296	ug/l	98
14) Allyl chloride	4.67	41	112224	20.529	ug/l	99
15) Acrylonitrile	5.36	53	78805	108.501	ug/l	99
16) Acetone	4.12	43	75418	83.663	ug/l	99
17) Carbon Disulfide	4.38	76	151998	18.895	ug/l	100
18) Methyl Acetate	4.67	43	43433	21.447	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	91687	22.480	ug/l	99
20) Methylene Chloride	4.91	84	65302	21.005	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	58095	20.965	ug/l	99
22) Diisopropyl ether	6.31	45	221021	21.444	ug/l	98
23) Vinyl Acetate	6.25	43	686028	105.929	ug/l	100
24) 1,1-Dichloroethane	6.21	63	116230	21.056	ug/l	99
25) 2-Butanone	7.17	43	113015	95.810	ug/l	98
26) 2,2-Dichloropropane	7.16	77	64059	18.870	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64103	21.019	ug/l	98
28) Bromochloromethane	7.51	49	53810	21.962	ug/l	97
29) Tetrahydrofuran	7.52	42	74031	109.797	ug/l	99
30) Chloroform	7.67	83	107726	21.154	ug/l	98
31) Cyclohexane	7.95	56	108900	20.552	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	84324	21.743	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88775	21.613	ug/l	99
37) Ethyl Acetate	7.25	43	51946	21.982	ug/l	98
38) Carbon Tetrachloride	8.07	117	75310	21.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99923	22.093	ug/l	96
40) Benzene	8.32	78	247350	21.499	ug/l	100
41) Methacrylonitrile	7.48	41	30586	21.652	ug/l	99
42) 1,2-Dichloroethane	8.40	62	77258	21.448	ug/l	99
43) Isopropyl Acetate	8.42	43	94679	21.785	ug/l	99
44) Trichloroethene	9.09	130	59966	21.686	ug/l	100
45) 1,2-Dichloropropane	9.37	63	65618	21.316	ug/l	95
46) Dibromomethane	9.46	93	30407	21.641	ug/l	99
47) Bromodichloromethane	9.65	83	77711	21.085	ug/l	100
48) Methyl methacrylate	9.43	41	44639	21.383	ug/l	99
49) 1,4-Dioxane	9.45	88	9923	487.758	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	247878	109.654	ug/l	99
52) Toluene	10.39	92	149703	21.546	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	79625	20.682	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	94554	20.655	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43553	21.847	ug/l	95
56) Ethyl methacrylate	10.65	69	63302	21.700	ug/l	100
57) 1,3-Dichloropropane	10.93	76	81837	21.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	169084	127.657	ug/l	100
59) 2-Hexanone	10.97	43	170469	106.804	ug/l	99
60) Dibromochloromethane	11.13	129	46866	21.179	ug/l	99
61) 1,2-Dibromoethane	11.23	107	40698	21.573	ug/l	100
64) Tetrachloroethene	10.86	164	49806	22.031	ug/l	98
65) Chlorobenzene	11.66	112	149713	21.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52491	21.588	ug/l	99
67) Ethyl Benzene	11.73	91	286914	21.581	ug/l	100
68) m/p-Xylenes	11.84	106	211427	43.729	ug/l	98
69) o-Xylene	12.16	106	99288	22.099	ug/l	100
70) Styrene	12.18	104	168524	21.694	ug/l	99
71) Bromoform	12.35	173	26418	21.309	ug/l	98
73) Isopropylbenzene	12.46	105	273789	22.113	ug/l	100
74) N-amyl acetate	12.27	43	87845	22.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	53215	22.850	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43766m	24.923	ug/l	
77) Bromobenzene	12.74	156	59386	21.700	ug/l	98
78) n-propylbenzene	12.80	91	335419	22.260	ug/l	100
79) 2-Chlorotoluene	12.89	91	188628	21.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	230338	22.194	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16139	21.181	ug/l	98
82) 4-Chlorotoluene	12.99	91	198835	21.831	ug/l	100
83) tert-Butylbenzene	13.21	119	197092	22.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	232953	22.282	ug/l	99
85) sec-Butylbenzene	13.38	105	276677	22.342	ug/l	99
86) p-Isopropyltoluene	13.50	119	248517	22.118	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	117334	21.866	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115761	21.687	ug/l	99
89) n-Butylbenzene	13.82	91	245462	21.891	ug/l	99
90) Hexachloroethane	14.09	117	42699	21.491	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	104606	22.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8596	21.645	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72782	21.760	ug/l	99
94) Hexachlorobutadiene	15.24	225	46166	22.133	ug/l	97
95) Naphthalene	15.36	128	133595	21.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	64906	22.138	ug/l	99

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

