

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005552.D
 Acq On : 21 Sep 2018 11:48
 Operator : VA/AP
 Sample : VW0922SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Manual Integrations
 APPROVED

Quant Time: Sep 21 15:08:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

apater

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179199	50.00	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136805	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	115307	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.33	98	486912	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	174634	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	38891	24.458	ug/l	97
3) Chloromethane	2.22	50	41913	21.063	ug/l	100
4) Vinyl Chloride	2.37	62	51600	21.694	ug/l	99
5) Bromomethane	2.78	94	32938	20.491	ug/l	97
6) Chloroethane	2.93	64	31606	20.708	ug/l	97
7) Trichlorofluoromethane	3.26	101	40940	22.007	ug/l	97
8) Diethyl Ether	3.67	74	23282	19.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47953	20.363	ug/l	97
10) Methyl Iodide	4.26	142	73390	20.265	ug/l	99
11) Tert butyl alcohol	5.20	59	15129	99.047	ug/l	96
12) 1,1-Dichloroethene	4.03	96	47033	20.862	ug/l	99
13) Acrolein	3.89	56	12885	117.543	ug/l	99
14) Allyl chloride	4.67	41	78875	20.047	ug/l	100
15) Acrylonitrile	5.37	53	49064	90.936	ug/l	99
16) Acetone	4.13	43	55477	115.951	ug/l	97
17) Carbon Disulfide	4.37	76	148169	21.035	ug/l	100
18) Methyl Acetate	4.67	43	23873	17.272	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	67055	19.270	ug/l	100
20) Methylene Chloride	4.91	84	56295	20.512	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	49579	20.078	ug/l	95
22) Diisopropyl ether	6.31	45	151892	19.887	ug/l	96
23) Vinyl Acetate	6.26	43	422691	96.825	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94177	19.957	ug/l	99
25) 2-Butanone	7.18	43	65121	91.944	ug/l	98
26) 2,2-Dichloropropane	7.16	77	68114	20.676	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	53562	19.666	ug/l	97
28) Bromochloromethane	7.51	49	35946	19.230	ug/l	99
29) Tetrahydrofuran	7.53	42	39692	89.703	ug/l	99
30) Chloroform	7.68	83	95138	19.528	ug/l	95
31) Cyclohexane	7.96	56	93145	20.603	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	88141	20.480	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78902	21.428	ug/l	99
37) Ethyl Acetate	7.26	43	29268	18.888	ug/l	98
38) Carbon Tetrachloride	8.07	117	82994	21.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
39) Methylcyclohexane	9.34	83	94482	21.749	ug/l	99	
40) Benzene	8.33	78	212535	20.372	ug/l	98	9/24/2018 9:35:33 AM
41) Methacrylonitrile	7.49	41	17246	19.558	ug/l	99	
42) 1,2-Dichloroethane	8.40	62	65094	19.488	ug/l	99	
43) Isopropyl Acetate	8.43	43	55350	18.168	ug/l	99	
44) Trichloroethene	9.10	130	56170	21.034	ug/l	96	
45) 1,2-Dichloropropane	9.37	63	50811	19.796	ug/l	99	
46) Dibromomethane	9.46	93	24562	19.152	ug/l	99	
47) Bromodichloromethane	9.65	83	67342	19.548	ug/l	99	
48) Methyl methacrylate	9.44	41	27045	18.690	ug/l	97	
49) 1,4-Dioxane	9.46	88	7600	372.745	ug/l #	100	
51) 4-Methyl-2-Pentanone	10.21	43	139963	91.215	ug/l	100	
52) Toluene	10.39	92	135201	20.769	ug/l	98	
53) t-1,3-Dichloropropene	10.61	75	69609	20.156	ug/l	100	
54) cis-1,3-Dichloropropene	10.08	75	77657	20.069	ug/l	98	
55) 1,1,2-Trichloroethane	10.79	97	34963	19.206	ug/l	96	
56) Ethyl methacrylate	10.65	69	42389	18.863	ug/l	100	
57) 1,3-Dichloropropane	10.94	76	61789	19.151	ug/l	100	
58) 2-Chloroethyl Vinyl ether	9.93	63	97029	95.251	ug/l	97	
59) 2-Hexanone	10.98	43	99277	95.241	ug/l	100	
60) Dibromochloromethane	11.13	129	42595	19.366	ug/l	97	
61) 1,2-Dibromoethane	11.24	107	33139	19.525	ug/l	98	
64) Tetrachloroethene	10.87	164	48368	20.350	ug/l	98	
65) Chlorobenzene	11.66	112	145653	20.489	ug/l	91	
66) 1,1,1,2-Tetrachloroethane	11.74	131	51295	20.048	ug/l	98	
67) Ethyl Benzene	11.74	91	264277	20.944	ug/l	100	
68) m/p-Xylenes	11.85	106	201209	42.206	ug/l	99	
69) o-Xylene	12.17	106	91965	20.598	ug/l	100	
70) Styrene	12.19	104	153509	20.430	ug/l	100	
71) Bromoform	12.35	173	25352	18.667	ug/l #	97	
73) Isopropylbenzene	12.47	105	268685	21.621	ug/l	99	
74) N-amyl acetate	12.28	43	51361	18.252	ug/l	98	
75) 1,1,2,2-Tetrachloroethane	12.72	83	40054	19.405	ug/l	98	
76) 1,2,3-Trichloropropane	12.77	75	30446m	19.931	ug/l		
77) Bromobenzene	12.75	156	59650	20.480	ug/l	99	
78) n-propylbenzene	12.81	91	330523	21.969	ug/l	99	
79) 2-Chlorotoluene	12.90	91	185429	21.303	ug/l	99	
80) 1,3,5-Trimethylbenzene	12.95	105	235099	21.757	ug/l	99	
81) trans-1,4-Dichloro-2-buten	12.52	75	12909	19.034	ug/l	97	
82) 4-Chlorotoluene	12.99	91	196228	21.336	ug/l	99	
83) tert-Butylbenzene	13.21	119	194536	21.429	ug/l	99	
84) 1,2,4-Trimethylbenzene	13.26	105	239715	21.983	ug/l	98	
85) sec-Butylbenzene	13.39	105	290627	22.074	ug/l	100	
86) p-Isopropyltoluene	13.51	119	260096	22.040	ug/l	100	
87) 1,3-Dichlorobenzene	13.51	146	123648	20.761	ug/l	99	
88) 1,4-Dichlorobenzene	13.58	146	122555	20.690	ug/l	99	
89) n-Butylbenzene	13.83	91	245820	22.084	ug/l	98	
90) Hexachloroethane	14.10	117	44195	20.662	ug/l	99	
91) 1,2-Dichlorobenzene	13.88	146	106781	20.310	ug/l	99	
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7405	18.829	ug/l	94	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79795	21.276	ug/l	99
94) Hexachlorobutadiene	15.25	225	52225	21.494	ug/l	99
95) Naphthalene	15.38	128	123866	19.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68004	20.575	ug/l	100

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

