

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010792.D
 Acq On : 13 Jun 2019 12:42
 Operator : SY/VA
 Sample : VW0613SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0613SBS01

Quant Time: Jun 14 08:09:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134862	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.88	113	105055	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.32	98	435406	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.62	95	162263	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37333	17.355	ug/l	97
3) Chloromethane	2.21	50	53651	16.952	ug/l	99
4) Vinyl Chloride	2.36	62	47302	16.177	ug/l	99
5) Bromomethane	2.74	94	26713	16.636	ug/l	98
6) Chloroethane	2.90	64	28433	16.200	ug/l	99
7) Trichlorofluoromethane	3.25	101	67243	17.716	ug/l	97
8) Diethyl Ether	3.68	74	23296	17.174	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41949	17.976	ug/l	99
10) Methyl Iodide	4.27	142	30593	16.303	ug/l	97
11) Tert butyl alcohol	5.17	59	33247	148.743	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	38308	17.017	ug/l	98
13) Acrolein	3.89	56	7179	78.599	ug/l	99
14) Allyl chloride	4.67	41	87756	17.680	ug/l	98
15) Acrylonitrile	5.37	53	57409	87.118	ug/l	99
16) Acetone	4.12	43	64447	87.664	ug/l	100
17) Carbon Disulfide	4.37	76	115090	16.106	ug/l	99
18) Methyl Acetate	4.67	43	29490	18.635	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	114953	17.705	ug/l	99
20) Methylene Chloride	4.92	84	45579	17.673	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44567	17.440	ug/l	98
22) Diisopropyl ether	6.31	45	182245	18.340	ug/l	99
23) Vinyl Acetate	6.26	43	536190	89.409	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89478	17.968	ug/l	98
25) 2-Butanone	7.17	43	96538	94.701	ug/l	98
26) 2,2-Dichloropropane	7.17	77	80134	19.775	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	49620	17.644	ug/l	94
28) Bromochloromethane	7.51	49	47477	21.363	ug/l	95
29) Tetrahydrofuran	7.52	42	56630	88.319	ug/l	98
30) Chloroform	7.68	83	81533	17.900	ug/l	96
31) Cyclohexane	7.95	56	97960	17.696	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72258	18.160	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68645	17.772	ug/l	99
37) Ethyl Acetate	7.26	43	39280	18.352	ug/l	99
38) Carbon Tetrachloride	8.07	117	60547	18.158	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87614	17.843	ug/l	98
40) Benzene	8.32	78	188274	17.867	ug/l	100
41) Methacrylonitrile	7.48	41	22343	17.562	ug/l	98
42) 1,2-Dichloroethane	8.40	62	61079	18.263	ug/l	98
43) Isopropyl Acetate	8.43	43	74501	18.016	ug/l	98
44) Trichloroethene	9.09	130	45862	17.644	ug/l	95
45) 1,2-Dichloropropane	9.37	63	50548	18.122	ug/l	100
46) Dibromomethane	9.46	93	23013	17.762	ug/l	98
47) Bromodichloromethane	9.65	83	59284	17.652	ug/l	99
48) Methyl methacrylate	9.44	41	36026	18.069	ug/l	98
49) 1,4-Dioxane	9.45	88	7240	357.425	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	193320	91.511	ug/l	99
52) Toluene	10.38	92	115426	17.803	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	61704	17.346	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	74882	17.890	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	32858	17.605	ug/l	98
56) Ethyl methacrylate	10.65	69	50481	17.577	ug/l	98
57) 1,3-Dichloropropane	10.93	76	64309	18.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157639	104.795	ug/l	99
59) 2-Hexanone	10.97	43	138039	90.412	ug/l	98
60) Dibromochloromethane	11.13	129	34869	16.853	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31575	17.855	ug/l	98
64) Tetrachloroethene	10.86	164	39215	17.324	ug/l	98
65) Chlorobenzene	11.66	112	118601	17.691	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40361	17.391	ug/l	98
67) Ethyl Benzene	11.73	91	229029	17.775	ug/l	99
68) m/p-Xylenes	11.84	106	162765	35.289	ug/l	99
69) o-Xylene	12.16	106	75282	17.210	ug/l	95
70) Styrene	12.18	104	132808	17.477	ug/l	99
71) Bromoform	12.35	173	19508	16.253	ug/l #	100
73) Isopropylbenzene	12.46	105	217882	17.412	ug/l	99
74) N-amyl acetate	12.27	43	70117	17.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40860	17.152	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29923m	17.112	ug/l	
77) Bromobenzene	12.75	156	47415	17.359	ug/l	98
78) n-propylbenzene	12.80	91	264853	17.553	ug/l	100
79) 2-Chlorotoluene	12.90	91	151623	17.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	178099	17.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	15.638	ug/l	92
82) 4-Chlorotoluene	12.99	91	156892	17.637	ug/l	99
83) tert-Butylbenzene	13.21	119	152379	17.530	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	180638	17.526	ug/l	98
85) sec-Butylbenzene	13.38	105	224371	17.729	ug/l	100
86) p-Isopropyltoluene	13.50	119	199075	17.590	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92083	17.481	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92049	17.627	ug/l	98
89) n-Butylbenzene	13.83	91	205090	18.162	ug/l	99
90) Hexachloroethane	14.10	117	35452	17.492	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	82163	17.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7095	17.344	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	60531	18.209	ug/l	99
94) Hexachlorobutadiene	15.24	225	38448	18.429	ug/l	99
95) Naphthalene	15.37	128	99964	16.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51563	18.239	ug/l	99

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

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