

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012225.D
 Acq On : 27 Aug 2019 22:55
 Operator : SY/VA
 Sample : VW0827SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS02

Quant Time: Aug 28 06:57:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152280	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.88	113	123413	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.32	98	501057	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	177034	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27319	17.390	ug/l	97
3) Chloromethane	2.21	50	46419	19.072	ug/l	97
4) Vinyl Chloride	2.36	62	55659	18.684	ug/l	98
5) Bromomethane	2.77	94	29429	19.506	ug/l	94
6) Chloroethane	2.92	64	32920	19.589	ug/l	98
7) Trichlorofluoromethane	3.25	101	27568	18.430	ug/l	99
8) Diethyl Ether	3.68	74	30247	21.303	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50021	19.673	ug/l	98
10) Methyl Iodide	4.27	142	67804	19.709	ug/l	100
11) Tert butyl alcohol	5.18	59	21744	119.130	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	49366	19.290	ug/l	97
13) Acrolein	3.89	56	16140	93.939	ug/l	99
14) Allyl chloride	4.66	41	113718	20.785	ug/l	99
15) Acrylonitrile	5.36	53	75627	107.461	ug/l	100
16) Acetone	4.12	43	65499	84.483	ug/l	97
17) Carbon Disulfide	4.39	76	130689	16.897	ug/l	99
18) Methyl Acetate	4.67	43	48365	25.187	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	92221	22.283	ug/l	99
20) Methylene Chloride	4.92	84	67154	22.912	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	54644	19.912	ug/l	97
22) Diisopropyl ether	6.31	45	221961	21.887	ug/l	98
23) Vinyl Acetate	6.25	43	641990	102.865	ug/l	100
24) 1,1-Dichloroethane	6.21	63	115695	20.953	ug/l	100
25) 2-Butanone	7.17	43	106929	101.496	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63284	20.249	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62735	21.396	ug/l	100
28) Bromochloromethane	7.51	49	52245	21.709	ug/l	98
29) Tetrahydrofuran	7.53	42	68986	109.142	ug/l	98
30) Chloroform	7.67	83	107669	21.313	ug/l	96
31) Cyclohexane	7.95	56	100995	18.487	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	82478	20.638	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84334	19.549	ug/l	99
37) Ethyl Acetate	7.25	43	49362	20.880	ug/l	98
38) Carbon Tetrachloride	8.07	117	72915	19.528	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90249	18.621	ug/l	98
40) Benzene	8.32	78	241472	20.499	ug/l	97
41) Methacrylonitrile	7.48	41	29795	21.444	ug/l	97
42) 1,2-Dichloroethane	8.40	62	76111	20.615	ug/l	100
43) Isopropyl Acetate	8.42	43	92223	21.060	ug/l	100
44) Trichloroethene	9.09	130	57456	20.064	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67031	21.143	ug/l	99
46) Dibromomethane	9.46	93	29698	21.054	ug/l	98
47) Bromodichloromethane	9.64	83	77107	20.539	ug/l	100
48) Methyl methacrylate	9.43	41	43742	20.988	ug/l	96
49) 1,4-Dioxane	9.45	88	8482	392.789	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	238989	107.301	ug/l	100
52) Toluene	10.38	92	146151	20.652	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	78901	20.633	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	95267	20.632	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43387	21.739	ug/l	99
56) Ethyl methacrylate	10.65	69	62130	21.390	ug/l	98
57) 1,3-Dichloropropane	10.93	76	81123	21.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	160884	107.922	ug/l	100
59) 2-Hexanone	10.97	43	159795	101.396	ug/l	100
60) Dibromochloromethane	11.13	129	46285	20.821	ug/l	98
61) 1,2-Dibromoethane	11.23	107	39169	21.066	ug/l	98
64) Tetrachloroethene	10.86	164	48482	20.679	ug/l	98
65) Chlorobenzene	11.66	112	148651	20.876	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51765	20.839	ug/l	97
67) Ethyl Benzene	11.73	91	282095	20.566	ug/l	98
68) m/p-Xylenes	11.84	106	206091	41.712	ug/l	99
69) o-Xylene	12.16	106	95853	20.961	ug/l	100
70) Styrene	12.18	104	166809	21.074	ug/l	100
71) Bromoform	12.35	173	26530	21.436	ug/l #	97
73) Isopropylbenzene	12.46	105	269035	20.386	ug/l	98
74) N-amyl acetate	12.27	43	82798	20.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50644	20.932	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	34497m	20.111	ug/l	
77) Bromobenzene	12.74	156	58885	20.625	ug/l	99
78) n-propylbenzene	12.80	91	324673	20.152	ug/l	100
79) 2-Chlorotoluene	12.89	91	188295	20.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	227496	20.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15955	20.394	ug/l	98
82) 4-Chlorotoluene	12.99	91	195656	20.429	ug/l	100
83) tert-Butylbenzene	13.21	119	195578	20.937	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	228676	20.643	ug/l	99
85) sec-Butylbenzene	13.38	105	273846	20.462	ug/l	99
86) p-Isopropyltoluene	13.50	119	245976	20.581	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	115822	20.740	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	114581	20.664	ug/l	98
89) n-Butylbenzene	13.82	91	238358	20.055	ug/l	100
90) Hexachloroethane	14.09	117	43346	20.671	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102193	20.860	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8091	19.837	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70087	20.702	ug/l	99
94) Hexachlorobutadiene	15.24	225	47541	21.267	ug/l	97
95) Naphthalene	15.36	128	127302	21.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62211	21.062	ug/l	99

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

