

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012077.D
 Acq On : 21 Aug 2019 18:34
 Operator : SY/VA
 Sample : VW0821SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD02

Quant Time: Aug 22 06:39:53 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	239613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139852	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	113787	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.32	98	461886	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	166009	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30944	23.172	ug/l	98
3) Chloromethane	2.21	50	49591	21.416	ug/l	100
4) Vinyl Chloride	2.36	62	59176	21.227	ug/l	96
5) Bromomethane	2.76	94	30337	19.660	ug/l	100
6) Chloroethane	2.91	64	33036	20.745	ug/l	96
7) Trichlorofluoromethane	3.25	101	26323	21.127	ug/l	100
8) Diethyl Ether	3.68	74	29639	20.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52079	22.035	ug/l	99
10) Methyl Iodide	4.28	142	70131	20.997	ug/l	100
11) Tert butyl alcohol	5.18	59	19507	84.245	ug/l	98
12) 1,1-Dichloroethene	4.04	96	52407	21.001	ug/l	97
13) Acrolein	3.89	56	10577	53.575	ug/l	92
14) Allyl chloride	4.67	41	105744	19.923	ug/l	99
15) Acrylonitrile	5.37	53	74580	105.761	ug/l	99
16) Acetone	4.12	43	67730	77.386	ug/l	99
17) Carbon Disulfide	4.38	76	146260	18.726	ug/l	99
18) Methyl Acetate	4.67	43	42141	21.433	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	86749	21.906	ug/l	100
20) Methylene Chloride	4.92	84	59841	19.825	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	56167	20.877	ug/l	99
22) Diisopropyl ether	6.31	45	212764	21.262	ug/l	94
23) Vinyl Acetate	6.25	43	650430	103.443	ug/l	99
24) 1,1-Dichloroethane	6.21	63	114114	21.293	ug/l	98
25) 2-Butanone	7.17	43	106078	92.624	ug/l	97
26) 2,2-Dichloropropane	7.17	77	62448	18.947	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	62060	20.959	ug/l	97
28) Bromochloromethane	7.51	49	50388	21.182	ug/l	100
29) Tetrahydrofuran	7.53	42	69233	105.758	ug/l	99
30) Chloroform	7.67	83	104831	21.202	ug/l	99
31) Cyclohexane	7.95	56	107064	20.811	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	81012	21.515	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86488	21.544	ug/l	99
37) Ethyl Acetate	7.25	43	48161	20.852	ug/l	99
38) Carbon Tetrachloride	8.07	117	74538	21.689	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95325	21.565	ug/l	99
40) Benzene	8.32	78	237960	21.162	ug/l	99
41) Methacrylonitrile	7.48	41	28457	20.612	ug/l	97
42) 1,2-Dichloroethane	8.40	62	75246	21.373	ug/l	98
43) Isopropyl Acetate	8.42	43	91082	21.443	ug/l	99
44) Trichloroethene	9.09	130	58332	21.583	ug/l	100
45) 1,2-Dichloropropane	9.37	63	63962	21.259	ug/l	97
46) Dibromomethane	9.46	93	28964	21.092	ug/l	99
47) Bromodichloromethane	9.65	83	74806	20.767	ug/l	98
48) Methyl methacrylate	9.43	41	42259	20.711	ug/l	96
49) 1,4-Dioxane	9.45	88	8572	431.110	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	234540	106.157	ug/l	100
52) Toluene	10.39	92	145469	21.422	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	76768	20.401	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	93928	20.994	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41392	21.244	ug/l	98
56) Ethyl methacrylate	10.65	69	61422	21.543	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78414	21.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	157010	121.286	ug/l	100
59) 2-Hexanone	10.97	43	161214	103.345	ug/l	99
60) Dibromochloromethane	11.13	129	45688	21.125	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38992	21.147	ug/l	98
64) Tetrachloroethene	10.86	164	47725	21.826	ug/l	98
65) Chlorobenzene	11.66	112	146044	21.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50733	21.572	ug/l	99
67) Ethyl Benzene	11.73	91	279582	21.742	ug/l	99
68) m/p-Xylenes	11.84	106	202850	43.378	ug/l	99
69) o-Xylene	12.16	106	95886	22.065	ug/l	100
70) Styrene	12.18	104	163314	21.736	ug/l	100
71) Bromoform	12.35	173	25755	21.479	ug/l #	97
73) Isopropylbenzene	12.46	105	268554	21.985	ug/l	99
74) N-amyl acetate	12.27	43	82090	21.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50395	21.933	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34341m	19.821	ug/l	
77) Bromobenzene	12.75	156	58524	21.676	ug/l	99
78) n-propylbenzene	12.80	91	322592	21.700	ug/l	99
79) 2-Chlorotoluene	12.89	91	184325	21.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	223951	21.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15716	20.905	ug/l	97
82) 4-Chlorotoluene	12.99	91	193457	21.529	ug/l	99
83) tert-Butylbenzene	13.21	119	191076	22.315	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	223410	21.659	ug/l	99
85) sec-Butylbenzene	13.38	105	270958	22.177	ug/l	100
86) p-Isopropyltoluene	13.50	119	241162	21.754	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	111989	21.154	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	110601	21.001	ug/l	97
89) n-Butylbenzene	13.82	91	237495	21.468	ug/l	99
90) Hexachloroethane	14.09	117	41015	20.923	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100707	21.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8463	21.599	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	69569	21.082	ug/l	99
94) Hexachlorobutadiene	15.24	225	45647	22.181	ug/l	99
95) Naphthalene	15.36	128	126416	20.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	62743	21.691	ug/l	99

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

