

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011711.D
 Acq On : 05 Aug 2019 16:05
 Operator : SY/VA
 Sample : VW0806SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0806SBSD01

Quant Time: Aug 06 08:45:33 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	234750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	141498	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	114292	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
50) Toluene-d8	10.32	98	474141	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.62	95	166934	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	30863	23.590	ug/l	96
3) Chloromethane	2.21	50	47831	21.084	ug/l	100
4) Vinyl Chloride	2.35	62	58765	21.516	ug/l	96
5) Bromomethane	2.76	94	29768	19.691	ug/l	100
6) Chloroethane	2.92	64	32392	20.762	ug/l	95
7) Trichlorofluoromethane	3.25	101	29109	23.847	ug/l	98
8) Diethyl Ether	3.67	74	27778	20.071	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49549	21.399	ug/l	99
10) Methyl Iodide	4.27	142	66585	20.348	ug/l	100
11) Tert butyl alcohol	5.16	59	21511	97.236	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50305	20.576	ug/l	99
13) Acrolein	3.89	56	16991	87.847	ug/l	99
14) Allyl chloride	4.67	41	105502	20.289	ug/l	100
15) Acrylonitrile	5.36	53	66747	96.614	ug/l	100
16) Acetone	4.12	43	72309	84.329	ug/l	97
17) Carbon Disulfide	4.38	76	153273	20.031	ug/l	99
18) Methyl Acetate	4.67	43	35943	18.659	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	77375	19.944	ug/l	99
20) Methylene Chloride	4.92	84	58016	19.619	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	53547	20.315	ug/l	95
22) Diisopropyl ether	6.31	45	198533	20.251	ug/l	99
23) Vinyl Acetate	6.25	43	605454	98.285	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107559	20.485	ug/l	99
25) 2-Butanone	7.17	43	100526	89.595	ug/l	100
26) 2,2-Dichloropropane	7.17	77	63815	19.763	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57508	19.824	ug/l	98
28) Bromochloromethane	7.51	49	51658	22.166	ug/l	99
29) Tetrahydrofuran	7.53	42	61517	95.918	ug/l	100
30) Chloroform	7.67	83	98796	20.396	ug/l	99
31) Cyclohexane	7.95	56	105984	21.028	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	78641	21.318	ug/l	97
36) 1,1-Dichloropropene	8.08	75	83338	21.350	ug/l	99
37) Ethyl Acetate	7.25	43	44065	19.622	ug/l	97
38) Carbon Tetrachloride	8.07	117	70943	21.231	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	94535	21.995	ug/l	99
40) Benzene	8.32	78	225799	20.652	ug/l	100
41) Methacrylonitrile	7.48	41	25637	19.098	ug/l	98
42) 1,2-Dichloroethane	8.40	62	70393	20.564	ug/l	100
43) Isopropyl Acetate	8.42	43	79739	19.307	ug/l	100
44) Trichloroethene	9.09	130	56080	21.341	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60264	20.600	ug/l	98
46) Dibromomethane	9.46	93	26772	20.051	ug/l	99
47) Bromodichloromethane	9.64	83	70295	20.070	ug/l	99
48) Methyl methacrylate	9.44	41	38177	19.243	ug/l	98
49) 1,4-Dioxane	9.45	88	8313	429.986	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	211986	98.680	ug/l	99
52) Toluene	10.38	92	138099	20.916	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72347	19.774	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	87036	20.007	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38532	20.339	ug/l	95
56) Ethyl methacrylate	10.65	69	54234	19.563	ug/l	97
57) 1,3-Dichloropropane	10.93	76	72402	20.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	127703	101.456	ug/l	100
59) 2-Hexanone	10.97	43	145739	96.084	ug/l	99
60) Dibromochloromethane	11.13	129	41625	19.794	ug/l	100
61) 1,2-Dibromoethane	11.23	107	35330	19.706	ug/l	99
64) Tetrachloroethene	10.86	164	45291	21.034	ug/l	98
65) Chlorobenzene	11.66	112	137913	20.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46941	20.270	ug/l	99
67) Ethyl Benzene	11.73	91	263846	20.837	ug/l	99
68) m/p-Xylenes	11.84	106	192064	41.708	ug/l	100
69) o-Xylene	12.16	106	88118	20.592	ug/l	99
70) Styrene	12.18	104	151827	20.521	ug/l	99
71) Bromoform	12.35	173	22649	19.182	ug/l #	96
73) Isopropylbenzene	12.46	105	249447	20.460	ug/l	100
74) N-amyl acetate	12.27	43	73582	19.278	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	45351	19.776	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31628m	18.291	ug/l	
77) Bromobenzene	12.75	156	55144	20.464	ug/l	99
78) n-propylbenzene	12.80	91	310625	20.935	ug/l	99
79) 2-Chlorotoluene	12.89	91	172965	20.235	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	214180	20.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13429	17.898	ug/l	91
82) 4-Chlorotoluene	12.99	91	183854	20.500	ug/l	100
83) tert-Butylbenzene	13.21	119	177807	20.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	215469	20.930	ug/l	99
85) sec-Butylbenzene	13.38	105	257483	21.115	ug/l	99
86) p-Isopropyltoluene	13.50	119	229900	20.779	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	106946	20.240	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105625	20.096	ug/l	98
89) n-Butylbenzene	13.82	91	231951	21.008	ug/l	99
90) Hexachloroethane	14.09	117	39646	20.264	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	95727	20.484	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7826	20.012	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66819	20.288	ug/l	100
94) Hexachlorobutadiene	15.24	225	44022	21.433	ug/l	99
95) Naphthalene	15.37	128	111412	18.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57206	19.815	ug/l	99

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

