

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012061.D
 Acq On : 21 Aug 2019 10:33
 Operator : SY/VA
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Quant Time: Aug 22 07:41:51 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	248419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	150521	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	121853	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.32	98	495299	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.62	95	177430	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33422	24.141	ug/l	91
3) Chloromethane	2.21	50	50322	20.961	ug/l	98
4) Vinyl Chloride	2.36	62	61828	21.392	ug/l	96
5) Bromomethane	2.77	94	30500	19.065	ug/l	100
6) Chloroethane	2.92	64	34588	20.950	ug/l	97
7) Trichlorofluoromethane	3.25	101	31520	24.402	ug/l	97
8) Diethyl Ether	3.68	74	31790	21.706	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54257	22.143	ug/l	99
10) Methyl Iodide	4.28	142	73431	21.206	ug/l	100
11) Tert butyl alcohol	5.18	59	20849	87.443	ug/l	97
12) 1,1-Dichloroethene	4.04	96	54478	21.057	ug/l	96
13) Acrolein	3.89	56	12195	59.581	ug/l	97
14) Allyl chloride	4.67	41	115503	20.990	ug/l	100
15) Acrylonitrile	5.37	53	78107	106.837	ug/l	100
16) Acetone	4.13	43	79091	87.163	ug/l	98
17) Carbon Disulfide	4.38	76	152893	18.882	ug/l	100
18) Methyl Acetate	4.67	43	44855	22.005	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	92894	22.626	ug/l	97
20) Methylene Chloride	4.92	84	61548	19.668	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	59332	21.271	ug/l	97
22) Diisopropyl ether	6.31	45	225970	21.781	ug/l	98
23) Vinyl Acetate	6.25	43	693140	106.328	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119165	21.447	ug/l	98
25) 2-Butanone	7.17	43	116718	98.302	ug/l	98
26) 2,2-Dichloropropane	7.16	77	66672	19.512	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	65468	21.326	ug/l	98
28) Bromochloromethane	7.51	49	55570	22.532	ug/l	98
29) Tetrahydrofuran	7.53	42	73181	107.826	ug/l	99
30) Chloroform	7.68	83	111048	21.663	ug/l	98
31) Cyclohexane	7.95	56	113173	21.219	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	86142	22.066	ug/l	99
36) 1,1-Dichloropropene	8.09	75	91848	22.337	ug/l	99
37) Ethyl Acetate	7.25	43	52947	22.381	ug/l	99
38) Carbon Tetrachloride	8.07	117	77011	21.878	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98776	21.816	ug/l	99
40) Benzene	8.32	78	250848	21.779	ug/l	99
41) Methacrylonitrile	7.48	41	32085	22.689	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78311	21.717	ug/l	99
43) Isopropyl Acetate	8.43	43	95494	21.949	ug/l	99
44) Trichloroethene	9.09	130	60596	21.890	ug/l	99
45) 1,2-Dichloropropane	9.37	63	67207	21.808	ug/l	96
46) Dibromomethane	9.46	93	30437	21.639	ug/l	99
47) Bromodichloromethane	9.65	83	78350	21.235	ug/l	97
48) Methyl methacrylate	9.43	41	45056	21.559	ug/l	94
49) 1,4-Dioxane	9.46	88	9440	463.511	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	251274	111.035	ug/l	99
52) Toluene	10.39	92	153090	22.010	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81958	21.264	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	96869	21.138	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43509	21.801	ug/l	99
56) Ethyl methacrylate	10.65	69	64844	22.204	ug/l	99
57) 1,3-Dichloropropane	10.93	76	82776	21.923	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	166649	125.681	ug/l	99
59) 2-Hexanone	10.97	43	175772	110.006	ug/l	99
60) Dibromochloromethane	11.13	129	47761	21.560	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41187	21.808	ug/l	99
64) Tetrachloroethene	10.86	164	49444	22.063	ug/l	99
65) Chlorobenzene	11.66	112	154503	22.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53236	22.086	ug/l	99
67) Ethyl Benzene	11.73	91	293189	22.246	ug/l	99
68) m/p-Xylenes	11.84	106	215287	44.918	ug/l	99
69) o-Xylene	12.16	106	99298	22.295	ug/l	99
70) Styrene	12.18	104	171536	22.275	ug/l	100
71) Bromoform	12.35	173	26963	21.940	ug/l #	100
73) Isopropylbenzene	12.46	105	278438	22.423	ug/l	100
74) N-amyl acetate	12.27	43	86528	22.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	53145	22.753	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37109m	21.070	ug/l	
77) Bromobenzene	12.75	156	59984	21.855	ug/l	98
78) n-propylbenzene	12.80	91	340024	22.500	ug/l	100
79) 2-Chlorotoluene	12.89	91	194448	22.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	234470	22.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16404	21.465	ug/l	97
82) 4-Chlorotoluene	12.99	91	200880	21.991	ug/l	99
83) tert-Butylbenzene	13.21	119	199417	22.910	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	234384	22.353	ug/l	100
85) sec-Butylbenzene	13.38	105	283773	22.848	ug/l	100
86) p-Isopropyltoluene	13.50	119	254783	22.609	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	118391	21.999	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117301	21.911	ug/l	98
89) n-Butylbenzene	13.82	91	249686	22.203	ug/l	99
90) Hexachloroethane	14.09	117	43013	21.585	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	106933	22.466	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9180	23.048	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	76098	22.685	ug/l	99
94) Hexachlorobutadiene	15.24	225	48007	22.948	ug/l	98
95) Naphthalene	15.37	128	135946	21.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65333	22.218	ug/l	99

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

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