

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012367.D
 Acq On : 30 Aug 2019 23:54
 Operator : SY/VA
 Sample : VW0830SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 04:37:12 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	174310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	278488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122403	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
35) Dibromofluoromethane	7.88	113	92116	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.32	98	374730	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.62	95	134555	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20257	18.874	ug/l	99
3) Chloromethane	2.21	50	35678	21.456	ug/l	97
4) Vinyl Chloride	2.35	62	42134	20.702	ug/l	99
5) Bromomethane	2.76	94	22060	21.402	ug/l	97
6) Chloroethane	2.92	64	24512	21.350	ug/l	97
7) Trichlorofluoromethane	3.25	101	21579	21.115	ug/l	100
8) Diethyl Ether	3.68	74	21509	22.173	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38034	21.895	ug/l	100
10) Methyl Iodide	4.27	142	49771	21.176	ug/l	98
11) Tert butyl alcohol	5.17	59	18864	151.276	ug/l	97
12) 1,1-Dichloroethene	4.03	96	37485	21.439	ug/l	98
13) Acrolein	3.89	56	10567	90.022	ug/l	95
14) Allyl chloride	4.67	41	79962	21.393	ug/l	100
15) Acrylonitrile	5.36	53	63518	132.107	ug/l	99
16) Acetone	4.12	43	58305	110.076	ug/l	100
17) Carbon Disulfide	4.38	76	93367	17.670	ug/l	99
18) Methyl Acetate	4.67	43	38573	29.402	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	69669	24.640	ug/l	92
20) Methylene Chloride	4.92	84	46037	22.991	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39866	21.263	ug/l	99
22) Diisopropyl ether	6.31	45	162908	23.513	ug/l	96
23) Vinyl Acetate	6.25	43	500047	117.275	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84637	22.436	ug/l	99
25) 2-Butanone	7.17	43	90691	126.000	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46595	21.822	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	45402	22.665	ug/l	99
28) Bromochloromethane	7.51	49	40276	24.496	ug/l	100
29) Tetrahydrofuran	7.53	42	60914	141.060	ug/l	98
30) Chloroform	7.68	83	80667	23.372	ug/l	100
31) Cyclohexane	7.95	56	74630	19.996	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	63415	23.226	ug/l	99
36) 1,1-Dichloropropene	8.08	75	63159	21.947	ug/l	99
37) Ethyl Acetate	7.25	43	40704	25.811	ug/l	98
38) Carbon Tetrachloride	8.07	117	56181	22.555	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66418	20.544	ug/l	99
40) Benzene	8.32	78	174141	22.160	ug/l	98
41) Methacrylonitrile	7.48	41	24655	26.600	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59278	24.069	ug/l	99
43) Isopropyl Acetate	8.42	43	75596	25.879	ug/l	100
44) Trichloroethene	9.09	130	41732	21.846	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48564	22.963	ug/l	99
46) Dibromomethane	9.46	93	22839	24.272	ug/l	98
47) Bromodichloromethane	9.65	83	57098	22.800	ug/l	98
48) Methyl methacrylate	9.43	41	34829	25.051	ug/l	99
49) 1,4-Dioxane	9.45	88	7875	546.679	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	200188	134.736	ug/l	99
52) Toluene	10.38	92	106011	22.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	58330	22.866	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	67458	21.901	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32899	24.711	ug/l	99
56) Ethyl methacrylate	10.65	69	47222	24.371	ug/l	95
57) 1,3-Dichloropropane	10.93	76	61258	24.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	120825	121.499	ug/l	99
59) 2-Hexanone	10.97	43	136725	130.055	ug/l	100
60) Dibromochloromethane	11.13	129	35346	23.836	ug/l	100
61) 1,2-Dibromoethane	11.23	107	29867	24.080	ug/l	99
64) Tetrachloroethene	10.86	164	36061	22.635	ug/l	98
65) Chlorobenzene	11.66	112	107596	22.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	37975	22.496	ug/l	97
67) Ethyl Benzene	11.73	91	206172	22.119	ug/l	99
68) m/p-Xylenes	11.84	106	150024	44.683	ug/l	99
69) o-Xylene	12.16	106	69312	22.305	ug/l	98
70) Styrene	12.18	104	120998	22.495	ug/l	99
71) Bromoform	12.35	173	20324	24.166	ug/l #	99
73) Isopropylbenzene	12.46	105	197355	21.645	ug/l	99
74) N-amyl acetate	12.27	43	67282	24.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40855	24.441	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29041m	24.505	ug/l	
77) Bromobenzene	12.74	156	44010	22.311	ug/l	99
78) n-propylbenzene	12.80	91	242163	21.756	ug/l	99
79) 2-Chlorotoluene	12.89	91	137971	21.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	170772	22.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11876	21.972	ug/l	96
82) 4-Chlorotoluene	12.99	91	146076	22.076	ug/l	99
83) tert-Butylbenzene	13.21	119	143535	22.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	170220	22.241	ug/l	99
85) sec-Butylbenzene	13.38	105	204242	22.089	ug/l	100
86) p-Isopropyltoluene	13.50	119	183232	22.190	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	85488	22.157	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	86038	22.459	ug/l	99
89) n-Butylbenzene	13.82	91	180790	22.017	ug/l	100
90) Hexachloroethane	14.09	117	31837	21.976	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	78064	23.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7461	26.476	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	53009	22.663	ug/l	98
94) Hexachlorobutadiene	15.24	225	37268	24.130	ug/l	97
95) Naphthalene	15.36	128	100224	24.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	48262	23.649	ug/l	99

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

