

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121518\
 Data File : VW007471.D
 Acq On : 13 Dec 2018 06:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/13/2018 4:39:52 PM

Quant Time: Dec 13 07:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43161	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	40658	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	151516	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	58791	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22777	42.211	ug/l	98
3) Chloromethane	2.22	50	20181	44.656	ug/l	97
4) Vinyl Chloride	2.37	62	25175	47.469	ug/l	97
5) Bromomethane	2.78	94	18109	50.821	ug/l	96
6) Chloroethane	2.93	64	15525	53.180	ug/l	94
7) Trichlorofluoromethane	3.26	101	22417	47.015	ug/l	95
8) Diethyl Ether	3.68	74	19172	51.374	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37134	47.200	ug/l	99
10) Methyl Iodide	4.26	142	67384	51.714	ug/l	100
11) Tert butyl alcohol	5.17	59	14776	251.142	ug/l	96
12) 1,1-Dichloroethene	4.03	96	37176	49.078	ug/l	99
13) Acrolein	3.89	56	10957	281.448	ug/l	99
14) Allyl chloride	4.67	41	54806	49.085	ug/l	99
15) Acrylonitrile	5.37	53	40884	259.880	ug/l	99
16) Acetone	4.12	43	36299	242.583	ug/l	94
17) Carbon Disulfide	4.37	76	109700	47.763	ug/l	98
18) Methyl Acetate	4.67	43	20895	51.450	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	62172	54.407	ug/l	99
20) Methylene Chloride	4.92	84	43508	53.439	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42230	49.837	ug/l	98
22) Diisopropyl ether	6.31	45	112601	52.466	ug/l	97
23) Vinyl Acetate	6.26	43	315042	262.442	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74504	51.364	ug/l	99
25) 2-Butanone	7.16	43	50740	259.740	ug/l	98
26) 2,2-Dichloropropane	7.16	77	45081	46.960	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47261	50.937	ug/l	99
28) Bromochloromethane	7.51	49	26148	47.925	ug/l	99
29) Tetrahydrofuran	7.52	42	32219	260.526	ug/l	96
30) Chloroform	7.68	83	81251	51.473	ug/l	97
31) Cyclohexane	7.95	56	58554	43.998	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68856	49.743	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58933	48.698	ug/l	98
37) Ethyl Acetate	7.25	43	23386	51.957	ug/l	97
38) Carbon Tetrachloride	8.07	117	64657	49.103	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69705	47.568	ug/l	92
40) Benzene	8.32	78	169181	50.375	ug/l	99
41) Methacrylonitrile	7.48	41	11791	46.002	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	54592	51.747	ug/l	100
43) Isopropyl Acetate	8.43	43	46182	51.943	ug/l	99
44) Trichloroethene	9.09	130	48351	50.417	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40833	52.540	ug/l	96
46) Dibromomethane	9.46	93	23187	52.537	ug/l	98
47) Bromodichloromethane	9.64	83	60099	51.914	ug/l	96
48) Methyl methacrylate	9.44	41	23382	51.207	ug/l	97
49) 1,4-Dioxane	9.45	88	8129	1135.153	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	112684	268.235	ug/l	99
52) Toluene	10.39	92	112142	51.598	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	59532	52.970	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66928	51.514	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32477	54.068	ug/l	96
56) Ethyl methacrylate	10.65	69	39658	54.929	ug/l	99
57) 1,3-Dichloropropane	10.93	76	54996	55.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86984	261.258	ug/l	99
59) 2-Hexanone	10.97	43	79358	283.301	ug/l	99
60) Dibromochloromethane	11.13	129	41905	55.280	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32421	54.617	ug/l	96
64) Tetrachloroethene	10.87	164	43546	49.845	ug/l	94
65) Chlorobenzene	11.66	112	128790	50.863	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	46249	51.860	ug/l	100
67) Ethyl Benzene	11.73	91	222994	51.223	ug/l	93
68) m/p-Xylenes	11.84	106	171430	101.293	ug/l	100
69) o-Xylene	12.17	106	83348	52.732	ug/l	99
70) Styrene	12.18	104	138199	54.132	ug/l	97
71) Bromoform	12.35	173	23158	50.733	ug/l #	99
73) Isopropylbenzene	12.47	105	228558	49.771	ug/l	100
74) N-amyl acetate	12.27	43	43244	51.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35553	52.272	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	27404m	55.457	ug/l	
77) Bromobenzene	12.75	156	52049	51.134	ug/l	95
78) n-propylbenzene	12.81	91	260002	50.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	154965	49.556	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	196074	50.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10808	48.315	ug/l	94
82) 4-Chlorotoluene	12.99	91	166758	50.590	ug/l	99
83) tert-Butylbenzene	13.21	119	171728	50.510	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199778	50.314	ug/l	98
85) sec-Butylbenzene	13.39	105	232256	50.041	ug/l	96
86) p-Isopropyltoluene	13.50	119	209903	50.341	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	102449	50.480	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	101565	49.779	ug/l	97
89) n-Butylbenzene	13.83	91	187498	48.507	ug/l	98
90) Hexachloroethane	14.10	117	36980	49.845	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	92864	51.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6786	49.717	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62063	49.613	ug/l	96
94) Hexachlorobutadiene	15.24	225	30903	46.559	ug/l	99
95) Naphthalene	15.37	128	125342	52.377	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	55162	50.763	ug/l	97

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

