

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007772.D
 Acq On : 21 Dec 2018 04:21
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:04:43 AM

Quant Time: Dec 21 06:05:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44670	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	41886	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
50) Toluene-d8	10.32	98	159922	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.62	95	62126	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26768	40.236	ug/l	99
3) Chloromethane	2.22	50	24753	60.592	ug/l	97
4) Vinyl Chloride	2.37	62	29901	57.499	ug/l	92
5) Bromomethane	2.78	94	22268	61.480	ug/l	87
6) Chloroethane	2.93	64	18656	67.057	ug/l	98
7) Trichlorofluoromethane	3.26	101	24885	45.964	ug/l	99
8) Diethyl Ether	3.68	74	18610	56.120	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36898	46.276	ug/l	99
10) Methyl Iodide	4.26	142	64794	51.099	ug/l	95
11) Tert butyl alcohol	5.17	59	14469	261.501	ug/l	100
12) 1,1-Dichloroethene	4.04	96	35938	48.674	ug/l	96
13) Acrolein	3.89	56	11180	252.712	ug/l	99
14) Allyl chloride	4.66	41	53699	55.461	ug/l	96
15) Acrylonitrile	5.36	53	37130	262.488	ug/l	99
16) Acetone	4.12	43	32322	210.437	ug/l	93
17) Carbon Disulfide	4.38	76	105372	46.118	ug/l	99
18) Methyl Acetate	4.67	43	20493	56.102	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	64476	60.828	ug/l	99
20) Methylene Chloride	4.91	84	42243	55.716	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	40948	50.427	ug/l	94
22) Diisopropyl ether	6.31	45	106635	58.818	ug/l	97
23) Vinyl Acetate	6.26	43	288608	267.939	ug/l	98
24) 1,1-Dichloroethane	6.22	63	70438	52.813	ug/l	99
25) 2-Butanone	7.17	43	43254	240.427	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46485	47.629	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	46763	54.053	ug/l	98
28) Bromochloromethane	7.51	49	26373	57.996	ug/l	96
29) Tetrahydrofuran	7.52	42	27853	259.556	ug/l	98
30) Chloroform	7.68	83	77598	51.411	ug/l	99
31) Cyclohexane	7.96	56	57328	46.952	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	66080	48.070	ug/l	99
36) 1,1-Dichloropropene	8.08	75	56494	46.510	ug/l	98
37) Ethyl Acetate	7.26	43	20670	49.309	ug/l	99
38) Carbon Tetrachloride	8.07	117	58591	40.959	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68548	45.416	ug/l	95
40) Benzene	8.32	78	160959	49.659	ug/l	98
41) Methacrylonitrile	7.49	41	12176	51.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	51302	47.230	ug/l	99
43) Isopropyl Acetate	8.43	43	41133	48.977	ug/l	99
44) Trichloroethene	9.09	130	46266	47.200	ug/l	98
45) 1,2-Dichloropropane	9.37	63	36621	50.918	ug/l	96
46) Dibromomethane	9.46	93	20614	46.562	ug/l	99
47) Bromodichloromethane	9.65	83	54759	47.048	ug/l	99
48) Methyl methacrylate	9.43	41	21192	50.552	ug/l	99
49) 1,4-Dioxane	9.45	88	7188	1024.042	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	96965	244.302	ug/l	99
52) Toluene	10.39	92	107093	49.245	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	57476	49.647	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63108	49.351	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30212	49.500	ug/l	96
56) Ethyl methacrylate	10.65	69	37380	51.836	ug/l	97
57) 1,3-Dichloropropane	10.93	76	50474	49.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85319	259.137	ug/l	99
59) 2-Hexanone	10.97	43	67273	241.008	ug/l	99
60) Dibromochloromethane	11.13	129	37220	46.057	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29854	48.302	ug/l	99
64) Tetrachloroethene	10.86	164	40615	49.592	ug/l	97
65) Chlorobenzene	11.66	112	123205	49.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42068	47.032	ug/l	97
67) Ethyl Benzene	11.73	91	215854	50.251	ug/l	97
68) m/p-Xylenes	11.84	106	166935	100.182	ug/l	100
69) o-Xylene	12.17	106	78403	50.196	ug/l	98
70) Styrene	12.18	104	131550	51.236	ug/l	100
71) Bromoform	12.35	173	19530	42.061	ug/l #	100
73) Isopropylbenzene	12.47	105	222539	51.315	ug/l	99
74) N-amyl acetate	12.27	43	39215	52.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	31575	48.561	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24528m	55.314	ug/l	
77) Bromobenzene	12.75	156	49824	50.132	ug/l	97
78) n-propylbenzene	12.81	91	253718	50.259	ug/l	99
79) 2-Chlorotoluene	12.90	91	152004	51.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	193796	51.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9485	44.899	ug/l	98
82) 4-Chlorotoluene	12.99	91	160063	51.118	ug/l	99
83) tert-Butylbenzene	13.21	119	169440	51.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199454	52.841	ug/l	99
85) sec-Butylbenzene	13.39	105	228030	50.411	ug/l	99
86) p-Isopropyltoluene	13.50	119	210287	51.125	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	99269	50.306	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99428	50.372	ug/l	99
89) n-Butylbenzene	13.83	91	187074	49.604	ug/l	99
90) Hexachloroethane	14.10	117	31914	44.195	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	89554	50.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5932	44.424	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61838	50.422	ug/l	99
94) Hexachlorobutadiene	15.24	225	32742	49.956	ug/l	100
95) Naphthalene	15.37	128	120056	52.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52928	50.417	ug/l	99

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

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