

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007746.D
 Acq On : 20 Dec 2018 14:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:01:54 AM

Quant Time: Dec 21 04:02:11 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	70230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	40561	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	37376	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
50) Toluene-d8	10.32	98	143433	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.62	95	53334	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31353	50.218	ug/l	98
3) Chloromethane	2.21	50	19082	49.773	ug/l	99
4) Vinyl Chloride	2.37	62	25392	52.030	ug/l	95
5) Bromomethane	2.78	94	16796	49.413	ug/l	89
6) Chloroethane	2.92	64	13413	51.373	ug/l	98
7) Trichlorofluoromethane	3.26	101	24585	48.388	ug/l	97
8) Diethyl Ether	3.68	74	14941	48.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37106	49.588	ug/l	96
10) Methyl Iodide	4.26	142	57893	48.650	ug/l	99
11) Tert butyl alcohol	5.17	59	10544	203.059	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35426	51.127	ug/l	97
13) Acrolein	3.89	56	10872	261.864	ug/l	98
14) Allyl chloride	4.66	41	45037	49.565	ug/l	98
15) Acrylonitrile	5.37	53	30341	228.558	ug/l	99
16) Acetone	4.12	43	32569	225.948	ug/l	90
17) Carbon Disulfide	4.37	76	106096	49.480	ug/l	98
18) Methyl Acetate	4.67	43	15982	46.621	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	46074	46.317	ug/l	96
20) Methylene Chloride	4.90	84	36762	51.142	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37255	48.887	ug/l	92
22) Diisopropyl ether	6.31	45	82586	48.540	ug/l	96
23) Vinyl Acetate	6.25	43	236187	233.650	ug/l	98
24) 1,1-Dichloroethane	6.21	63	61313	48.985	ug/l	99
25) 2-Butanone	7.17	43	36486	216.105	ug/l	98
26) 2,2-Dichloropropane	7.16	77	45704	49.900	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	39465	48.608	ug/l	99
28) Bromochloromethane	7.51	49	21517	50.420	ug/l #	99
29) Tetrahydrofuran	7.53	42	22382	222.249	ug/l	100
30) Chloroform	7.67	83	68277	48.202	ug/l	99
31) Cyclohexane	7.95	56	54192	47.293	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	64191	49.758	ug/l	100
36) 1,1-Dichloropropene	8.08	75	54730	51.378	ug/l	99
37) Ethyl Acetate	7.25	43	16779	45.641	ug/l	98
38) Carbon Tetrachloride	8.06	117	61913	49.352	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66682	50.376	ug/l	96
40) Benzene	8.32	78	142685	50.196	ug/l	100
41) Methacrylonitrile	7.48	41	10197	48.854	ug/l	92
42) 1,2-Dichloroethane	8.40	62	46211	48.510	ug/l	99
43) Isopropyl Acetate	8.43	43	32992	44.794	ug/l	99
44) Trichloroethene	9.09	130	43254	50.317	ug/l	98
45) 1,2-Dichloropropane	9.37	63	31563	50.041	ug/l	99
46) Dibromomethane	9.46	93	18614	47.941	ug/l	97
47) Bromodichloromethane	9.65	83	49443	48.439	ug/l	98
48) Methyl methacrylate	9.44	41	16336	44.435	ug/l	97
49) 1,4-Dioxane	9.45	88	6211	1008.970	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	77502	222.655	ug/l	99
52) Toluene	10.39	92	95333	49.986	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	48208	47.483	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	54230	48.357	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	25480	47.603	ug/l	96
56) Ethyl methacrylate	10.65	69	29388	46.470	ug/l	97
57) 1,3-Dichloropropane	10.93	76	41707	46.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	71058	246.095	ug/l	100
59) 2-Hexanone	10.97	43	55832	228.077	ug/l	100
60) Dibromochloromethane	11.13	129	32821	46.310	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25072	46.255	ug/l	99
64) Tetrachloroethene	10.87	164	34738	50.228	ug/l	93
65) Chlorobenzene	11.66	112	105530	49.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37796	50.039	ug/l	99
67) Ethyl Benzene	11.73	91	187129	51.587	ug/l	100
68) m/p-Xylenes	11.84	106	145052	103.083	ug/l	99
69) o-Xylene	12.17	106	66126	50.133	ug/l	98
70) Styrene	12.18	104	110224	50.837	ug/l	99
71) Bromoform	12.35	173	17990	45.880	ug/l #	96
73) Isopropylbenzene	12.47	105	194612	51.992	ug/l	99
74) N-amyl acetate	12.27	43	30640	47.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	26459	47.146	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	20765m	54.254	ug/l	
77) Bromobenzene	12.75	156	42117	49.098	ug/l	99
78) n-propylbenzene	12.81	91	225233	51.692	ug/l	100
79) 2-Chlorotoluene	12.90	91	128598	50.664	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	166862	51.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8955	49.113	ug/l	98
82) 4-Chlorotoluene	12.99	91	136139	50.372	ug/l	98
83) tert-Butylbenzene	13.21	119	147988	52.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	168038	51.578	ug/l	99
85) sec-Butylbenzene	13.39	105	204967	52.498	ug/l	100
86) p-Isopropyltoluene	13.51	119	183704	51.745	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	85331	50.101	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	85178	49.996	ug/l	99
89) n-Butylbenzene	13.83	91	171790	52.776	ug/l	100
90) Hexachloroethane	14.10	117	31747	50.936	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	75881	49.760	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5468	47.443	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	51552	48.701	ug/l	99
94) Hexachlorobutadiene	15.24	225	29581	52.291	ug/l	97
95) Naphthalene	15.38	128	96194	49.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	44834	49.480	ug/l	99

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

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