

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007823.D
 Acq On : 22 Dec 2018 05:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:59:42 AM

Quant Time: Dec 23 23:57:50 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	69735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41084	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.88	113	37649	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.32	98	145116	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	55857	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	28437	45.871	ug/l	99
3) Chloromethane	2.22	50	24984	65.631	ug/l	97
4) Vinyl Chloride	2.37	62	28917	59.674	ug/l	90
5) Bromomethane	2.78	94	20322	60.210	ug/l	99
6) Chloroethane	2.93	64	16802	64.810	ug/l	94
7) Trichlorofluoromethane	3.26	101	22403	44.406	ug/l	95
8) Diethyl Ether	3.68	74	17370	56.212	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35166	47.329	ug/l	99
10) Methyl Iodide	4.26	142	60615	51.299	ug/l	96
11) Tert butyl alcohol	5.18	59	14281	276.979	ug/l	98
12) 1,1-Dichloroethene	4.04	96	35263	51.253	ug/l	95
13) Acrolein	3.89	56	9955	241.479	ug/l	98
14) Allyl chloride	4.66	41	50350	55.805	ug/l	93
15) Acrylonitrile	5.36	53	38089	288.960	ug/l	98
16) Acetone	4.12	43	31620	220.922	ug/l	93
17) Carbon Disulfide	4.38	76	101045	47.459	ug/l	100
18) Methyl Acetate	4.67	43	22347	65.651	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	58474	59.200	ug/l	97
20) Methylene Chloride	4.92	84	38118	53.724	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	39732	52.508	ug/l	97
22) Diisopropyl ether	6.31	45	99662	58.992	ug/l	99
23) Vinyl Acetate	6.25	43	279864	278.823	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67195	54.066	ug/l	98
25) 2-Butanone	7.17	43	45440	271.050	ug/l	95
26) 2,2-Dichloropropane	7.17	77	39425	43.350	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	43674	54.174	ug/l	98
28) Bromochloromethane	7.51	49	25530	60.248	ug/l #	94
29) Tetrahydrofuran	7.53	42	31210	312.109	ug/l	96
30) Chloroform	7.67	83	72786	51.749	ug/l	100
31) Cyclohexane	7.95	56	55735	48.985	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	61450	47.971	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55299	48.609	ug/l	99
37) Ethyl Acetate	7.25	43	21431	54.585	ug/l	97
38) Carbon Tetrachloride	8.07	117	57003	42.546	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67823	47.978	ug/l	99
40) Benzene	8.32	78	153564	50.585	ug/l	99
41) Methacrylonitrile	7.48	41	14243	63.896	ug/l	88
42) 1,2-Dichloroethane	8.40	62	49227	48.388	ug/l	99
43) Isopropyl Acetate	8.43	43	43659	55.505	ug/l	98
44) Trichloroethene	9.09	130	44354	48.313	ug/l	98
45) 1,2-Dichloropropane	9.37	63	36267	53.840	ug/l	96
46) Dibromomethane	9.46	93	20466	49.357	ug/l	99
47) Bromodichloromethane	9.65	83	51947	47.654	ug/l	98
48) Methyl methacrylate	9.44	41	21819	55.572	ug/l	96
49) 1,4-Dioxane	9.45	88	7569	1151.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104951	282.325	ug/l	99
52) Toluene	10.39	92	101203	49.687	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53503	49.344	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	59697	49.845	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29303	51.262	ug/l	96
56) Ethyl methacrylate	10.65	69	36971	54.740	ug/l	97
57) 1,3-Dichloropropane	10.93	76	50127	52.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92765	300.828	ug/l	99
59) 2-Hexanone	10.97	43	71481	273.421	ug/l	99
60) Dibromochloromethane	11.13	129	34948	46.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	29194	50.432	ug/l	99
64) Tetrachloroethene	10.86	164	39681	52.321	ug/l	97
65) Chlorobenzene	11.66	112	113738	49.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40798	49.255	ug/l	98
67) Ethyl Benzene	11.73	91	201669	50.698	ug/l	98
68) m/p-Xylenes	11.84	106	154445	100.089	ug/l	99
69) o-Xylene	12.17	106	73480	50.801	ug/l	100
70) Styrene	12.18	104	120713	50.770	ug/l	99
71) Bromoform	12.35	173	19297	44.878	ug/l #	99
73) Isopropylbenzene	12.47	105	207945	51.651	ug/l	99
74) N-amyl acetate	12.27	43	40350	57.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	32176	53.305	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24716m	60.040	ug/l	
77) Bromobenzene	12.75	156	46443	50.337	ug/l	97
78) n-propylbenzene	12.81	91	239092	51.018	ug/l	99
79) 2-Chlorotoluene	12.90	91	141647	51.884	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	179338	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9171	46.764	ug/l	98
82) 4-Chlorotoluene	12.99	91	147653	50.794	ug/l	100
83) tert-Butylbenzene	13.21	119	157920	51.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	182625	52.117	ug/l	99
85) sec-Butylbenzene	13.39	105	213131	50.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	193914	50.783	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91869	50.150	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92555	50.509	ug/l	99
89) n-Butylbenzene	13.83	91	176342	50.368	ug/l	99
90) Hexachloroethane	14.10	117	30227	45.090	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	82909	50.549	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6292	50.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57993	50.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	30517	50.156	ug/l	99
95) Naphthalene	15.37	128	119861	56.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	50801	52.126	ug/l	99

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

