

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\W120618\
 Data File : VW007304.D
 Acq On : 07 Dec 2018 02:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:20:10 PM

Quant Time: Dec 07 03:14:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45777	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.88	113	44467	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	10.33	98	191978	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.62	95	69850	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	49410	44.091	ug/l 100
3) Chloromethane	2.21	50	62575	44.093	ug/l 99
4) Vinyl Chloride	2.35	62	43818	49.313	ug/l 100
5) Bromomethane	2.76	94	27830	62.503	ug/l 94
6) Chloroethane	2.92	64	25211	50.568	ug/l 98
7) Trichlorofluoromethane	3.26	101	81502	47.046	ug/l 99
8) Diethyl Ether	3.69	74	25685	53.191	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48869	46.698	ug/l 99
10) Methyl Iodide	4.28	142	41880	46.978	ug/l 100
11) Tert butyl alcohol	5.17	59	20754	226.195	ug/l 97
12) 1,1-Dichloroethene	4.04	96	46574	47.490	ug/l 98
13) Acrolein	3.90	56	15811	236.616	ug/l 98
14) Allyl chloride	4.67	41	76139	48.434	ug/l 98
15) Acrylonitrile	5.37	53	54398	269.471	ug/l 100
16) Acetone	4.13	43	47333	209.660	ug/l 97
17) Carbon Disulfide	4.38	76	152693	47.234	ug/l 98
18) Methyl Acetate	4.68	43	27103	52.594	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	123845	53.635	ug/l 99
20) Methylene Chloride	4.92	84	62632	55.682	ug/l 97
21) trans-1,2-Dichloroethene	5.43	96	54243	49.534	ug/l 97
22) Diisopropyl ether	6.32	45	153575	54.421	ug/l 97
23) Vinyl Acetate	6.26	43	410291	266.455	ug/l 98
24) 1,1-Dichloroethane	6.22	63	93199	51.527	ug/l 99
25) 2-Butanone	7.17	43	64688	247.181	ug/l 97
26) 2,2-Dichloropropane	7.17	77	79755	45.885	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	60189	51.272	ug/l 100
28) Bromochloromethane	7.51	49	35309	54.139	ug/l 100
29) Tetrahydrofuran	7.53	42	42371	262.001	ug/l 98
30) Chloroform	7.68	83	98721	52.518	ug/l 100
31) Cyclohexane	7.96	56	87647	46.314	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	91190	51.549	ug/l 99
36) 1,1-Dichloropropene	8.09	75	79517	49.565	ug/l 99
37) Ethyl Acetate	7.26	43	28839	49.695	ug/l 98
38) Carbon Tetrachloride	8.07	117	78709	48.067	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102571	47.760	ug/l	99
40) Benzene	8.33	78	228009	51.829	ug/l	99
41) Methacrylonitrile	7.49	41	16460	47.354	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62176	50.571	ug/l	99
43) Isopropyl Acetate	8.43	43	59022	52.367	ug/l	99
44) Trichloroethene	9.10	130	63013	50.957	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53254	52.019	ug/l	99
46) Dibromomethane	9.46	93	27676	52.026	ug/l	95
47) Bromodichloromethane	9.65	83	70744	50.557	ug/l	98
48) Methyl methacrylate	9.44	41	31743	54.264	ug/l	99
49) 1,4-Dioxane	9.45	88	10771	1159.067	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	152140	273.911	ug/l	99
52) Toluene	10.39	92	153987	50.320	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	73761	52.431	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	84387	51.184	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37323	49.325	ug/l	92
56) Ethyl methacrylate	10.65	69	53474	54.177	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64858	50.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99555	251.113	ug/l	100
59) 2-Hexanone	10.97	43	104735	260.117	ug/l	97
60) Dibromochloromethane	11.13	129	47816	51.416	ug/l	96
61) 1,2-Dibromoethane	11.24	107	38776	53.428	ug/l	96
64) Tetrachloroethene	10.87	164	59106	55.637	ug/l	97
65) Chlorobenzene	11.66	112	175719	54.110	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	53782	53.625	ug/l	96
67) Ethyl Benzene	11.73	91	311187	52.576	ug/l	91
68) m/p-Xylenes	11.84	106	231700	99.787	ug/l	93
69) o-Xylene	12.17	106	115696	53.331	ug/l	98
70) Styrene	12.18	104	188420	53.058	ug/l	99
71) Bromoform	12.35	173	26657	53.096	ug/l	# 99
73) Isopropylbenzene	12.47	105	299430	49.983	ug/l	98
74) N-amyl acetate	12.27	43	59200	55.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43807	56.306	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	27548m	48.303	ug/l	
77) Bromobenzene	12.75	156	69471	53.725	ug/l	95
78) n-propylbenzene	12.81	91	356925	50.010	ug/l	97
79) 2-Chlorotoluene	12.90	91	200992	49.870	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	250854	48.949	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13292	50.233	ug/l	97
82) 4-Chlorotoluene	12.99	91	224243	52.300	ug/l	96
83) tert-Butylbenzene	13.21	119	229869	51.326	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	256188	48.972	ug/l	93
85) sec-Butylbenzene	13.39	105	311569	48.731	ug/l	99
86) p-Isopropyltoluene	13.51	119	284325	49.955	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	136397	51.383	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	132917	49.571	ug/l	98
89) n-Butylbenzene	13.83	91	261990	49.259	ug/l	98
90) Hexachloroethane	14.10	117	43915	50.632	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	121664	52.943	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8179	54.268	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	82239	51.639	ug/l	99
94) Hexachlorobutadiene	15.24	225	42694	49.714	ug/l	98
95) Naphthalene	15.38	128	150082	52.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70153	52.241	ug/l	99

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

