

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006545.D
 Acq On : 01 Nov 2018 00:47
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:11:32 PM

Quant Time: Nov 01 03:35:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	427764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	243518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136727	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.89	113	144013	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.33	98	553679	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	202427	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	75786	49.001	ug/l	100
3) Chloromethane	2.22	50	93101	46.421	ug/l	100
4) Vinyl Chloride	2.37	62	134966	47.369	ug/l	100
5) Bromomethane	2.79	94	113160	43.889	ug/l	100
6) Chloroethane	2.93	64	94217	46.294	ug/l	100
7) Trichlorofluoromethane	3.26	101	119705	45.571	ug/l	100
8) Diethyl Ether	3.68	74	64744	46.459	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129543	46.425	ug/l	100
10) Methyl Iodide	4.27	142	233743	49.798	ug/l	100
11) Tert butyl alcohol	5.25	59	34472	199.570	ug/l	100
12) 1,1-Dichloroethene	4.04	96	123977	47.047	ug/l	100
13) Acrolein	3.90	56	43652	251.482	ug/l	100
14) Allyl chloride	4.67	41	164993	44.328	ug/l	100
15) Acrylonitrile	5.38	53	117803	231.898	ug/l	100
16) Acetone	4.15	43	104383	187.115	ug/l	100
17) Carbon Disulfide	4.38	76	359687	45.703	ug/l	100
18) Methyl Acetate	4.68	43	59715	45.725	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	185181	46.344	ug/l	100
20) Methylene Chloride	4.92	84	145157	46.826	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	141298	47.992	ug/l	100
22) Diisopropyl ether	6.32	45	345462	46.614	ug/l	100
23) Vinyl Acetate	6.26	43	965284	222.123	ug/l	100
24) 1,1-Dichloroethane	6.22	63	230687	48.024	ug/l	100
25) 2-Butanone	7.19	43	151162	215.825	ug/l	100
26) 2,2-Dichloropropane	7.17	77	135291	40.705	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	158789	48.722	ug/l	100
28) Bromochloromethane	7.51	49	93541	50.564	ug/l	100
29) Tetrahydrofuran	7.54	42	96194	223.073	ug/l	100
30) Chloroform	7.68	83	254388	48.405	ug/l	100
31) Cyclohexane	7.96	56	196424	41.556	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	214311	45.723	ug/l	100
36) 1,1-Dichloropropene	8.09	75	193125	46.115	ug/l	100
37) Ethyl Acetate	7.26	43	66098	42.689	ug/l	100
38) Carbon Tetrachloride	8.07	117	204084	44.764	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247868	44.752	ug/l	100
40) Benzene	8.33	78	555857	48.006	ug/l	100
41) Methacrylonitrile	7.49	41	40574	43.787	ug/l	100
42) 1,2-Dichloroethane	8.40	62	157982	46.744	ug/l	100
43) Isopropyl Acetate	8.43	43	133671	42.496	ug/l	100
44) Trichloroethene	9.09	130	171723	48.317	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130040	47.120	ug/l	100
46) Dibromomethane	9.46	93	75727	48.006	ug/l	100
47) Bromodichloromethane	9.65	83	181514	47.625	ug/l	100
48) Methyl methacrylate	9.44	41	66713	44.618	ug/l	100
49) 1,4-Dioxane	9.49	88	23142	959.454	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	347669	219.521	ug/l	100
52) Toluene	10.39	92	372452	47.993	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	177545	46.946	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205868	47.320	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	107021	48.373	ug/l	100
56) Ethyl methacrylate	10.65	69	126108	46.812	ug/l	100
57) 1,3-Dichloropropane	10.93	76	174572	47.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	293721	274.426	ug/l	100
59) 2-Hexanone	10.98	43	237784	211.170	ug/l	100
60) Dibromochloromethane	11.13	129	133402	48.632	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108188	48.967	ug/l	100
64) Tetrachloroethene	10.87	164	165493	49.454	ug/l	100
65) Chlorobenzene	11.66	112	437996	47.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	157239	48.404	ug/l	100
67) Ethyl Benzene	11.74	91	739595	46.808	ug/l	100
68) m/p-Xylenes	11.84	106	595255	95.120	ug/l	100
69) o-Xylene	12.17	106	285165	47.794	ug/l	100
70) Styrene	12.18	104	471272	48.521	ug/l	100
71) Bromoform	12.35	173	84924	47.250	ug/l #	100
73) Isopropylbenzene	12.47	105	781892	45.788	ug/l	100
74) N-amyl acetate	12.28	43	134732	41.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	120911	46.542	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92801m	49.246	ug/l	
77) Bromobenzene	12.75	156	200684	47.682	ug/l	100
78) n-propylbenzene	12.81	91	899639	45.420	ug/l	100
79) 2-Chlorotoluene	12.90	91	512101	45.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	662527	46.090	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	43.816	ug/l	100
82) 4-Chlorotoluene	12.99	91	545700	46.589	ug/l	100
83) tert-Butylbenzene	13.21	119	589940	45.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	681525	46.713	ug/l	100
85) sec-Butylbenzene	13.39	105	823514	45.434	ug/l	100
86) p-Isopropyltoluene	13.51	119	756193	46.085	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397722	47.491	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393109	47.176	ug/l	100
89) n-Butylbenzene	13.83	91	670139	44.781	ug/l	100
90) Hexachloroethane	14.10	117	127971	46.273	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	355153	47.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19491	42.535	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	267686	46.523	ug/l	100
94) Hexachlorobutadiene	15.24	225	163523	45.532	ug/l	100
95) Naphthalene	15.38	128	438853	46.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	234908	47.135	ug/l	100

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

