

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004739.D
 Acq On : 17 Aug 2018 17:37
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:53:52 AM

Quant Time: Aug 18 01:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1025148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	509277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	464441	70.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.36%	
35) Dibromofluoromethane	7.88	113	466948	71.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.54%	
50) Toluene-d8	10.33	98	1845085	72.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.28%	
62) 4-Bromofluorobenzene	12.62	95	675674	73.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	304477	67.63	ug/l	97
3) Chloromethane	2.21	50	395313	67.16	ug/l	98
4) Vinyl Chloride	2.37	62	591958	68.32	ug/l	99
5) Bromomethane	2.78	94	364964	68.21	ug/l	99
6) Chloroethane	2.93	64	363456	69.52	ug/l	99
7) Trichlorofluoromethane	3.26	101	278018	68.11	ug/l	99
8) Diethyl Ether	3.68	74	259090	70.21	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	476879	67.85	ug/l	100
10) Methyl Iodide	4.27	142	756071	70.83	ug/l	99
11) Tert butyl alcohol	5.21	59	134932	364.70	ug/l	100
12) 1,1-Dichloroethene	4.03	96	479759	68.50	ug/l	98
13) Acrolein	3.89	56	171130	347.39	ug/l	97
14) Allyl chloride	4.67	41	753697	70.91	ug/l	100
15) Acrylonitrile	5.37	53	568844	367.56	ug/l	100
16) Acetone	4.14	43	561824	334.95	ug/l	99
17) Carbon Disulfide	4.38	76	1597170	69.39	ug/l	98
18) Methyl Acetate	4.67	43	262256	72.96	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	681713	74.98	ug/l	100
20) Methylene Chloride	4.91	84	532255	58.14	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	523395	70.24	ug/l	98
22) Diisopropyl ether	6.31	45	1505202	73.68	ug/l	98
23) Vinyl Acetate	6.26	43	4463680	386.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	926683	69.80	ug/l	100
25) 2-Butanone	7.18	43	874544	365.93	ug/l	99
26) 2,2-Dichloropropane	7.17	77	508242	66.28	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	570250	71.08	ug/l	100
28) Bromochloromethane	7.51	49	386280	69.10	ug/l	99
29) Tetrahydrofuran	7.54	42	460954	378.25	ug/l	99
30) Chloroform	7.68	83	902841	69.15	ug/l	100
31) Cyclohexane	7.96	56	867676	67.57	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	711519	68.75	ug/l	99
36) 1,1-Dichloropropene	8.09	75	737853	69.87	ug/l	100
37) Ethyl Acetate	7.26	43	307777	73.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	670544	68.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	973018	73.67	ug/l	96
40) Benzene	8.32	78	2161567	70.43	ug/l	99
41) Methacrylonitrile	7.49	41	178686	74.79	ug/l	95
42) 1,2-Dichloroethane	8.40	62	555794	70.62	ug/l	100
43) Isopropyl Acetate	8.43	43	570135	75.40	ug/l	99
44) Trichloroethene	9.09	130	539419	69.24	ug/l	98
45) 1,2-Dichloropropane	9.37	63	529099	70.48	ug/l	99
46) Dibromomethane	9.46	93	263594	70.87	ug/l	100
47) Bromodichloromethane	9.65	83	633221	71.29	ug/l	99
48) Methyl methacrylate	9.44	41	271868	76.62	ug/l	100
49) 1,4-Dioxane	9.47	88	84076	1547.25	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1952414	382.03	ug/l	100
52) Toluene	10.39	92	1310206	71.18	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	666607	74.49	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	781887	73.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	376655	71.24	ug/l	99
56) Ethyl methacrylate	10.65	69	491872	78.76	ug/l	100
57) 1,3-Dichloropropane	10.94	76	657988	72.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1138787	390.03	ug/l	99
59) 2-Hexanone	10.98	43	1329039	383.80	ug/l	99
60) Dibromochloromethane	11.13	129	433006	73.00	ug/l	100
61) 1,2-Dibromoethane	11.24	107	360445	71.32	ug/l	99
64) Tetrachloroethene	10.87	164	450889	69.33	ug/l	99
65) Chlorobenzene	11.66	112	1438031	70.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	494162	71.46	ug/l	99
67) Ethyl Benzene	11.74	91	2536185	73.04	ug/l	99
68) m/p-Xylenes	11.85	106	1981178	146.66	ug/l	100
69) o-Xylene	12.17	106	938999	75.09	ug/l	98
70) Styrene	12.19	104	1581973	75.31	ug/l	100
71) Bromoform	12.35	173	266242	72.94	ug/l #	98
73) Isopropylbenzene	12.47	105	2562222	73.95	ug/l	100
74) N-amyl acetate	12.28	43	559632	77.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	462509	72.06	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	367752m	48.75	ug/l	
77) Bromobenzene	12.75	156	599986	71.54	ug/l	99
78) n-propylbenzene	12.81	91	3109076	73.54	ug/l	99
79) 2-Chlorotoluene	12.90	91	1758227	72.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2194952	74.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	147359	76.29	ug/l	99
82) 4-Chlorotoluene	12.99	91	1868256	72.15	ug/l	99
83) tert-Butylbenzene	13.21	119	1894344	75.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2245413	74.15	ug/l	100
85) sec-Butylbenzene	13.39	105	2784688	74.08	ug/l	100
86) p-Isopropyltoluene	13.51	119	2450124	74.91	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1217785	71.39	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1199514	70.35	ug/l	100
89) n-Butylbenzene	13.83	91	2363976	74.76	ug/l	99
90) Hexachloroethane	14.10	117	431062	72.31	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1089343	71.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	75040	74.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	807225	74.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	482336	72.52	ug/l	99
95) Naphthalene	15.38	128	1500174	80.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	723867	75.33	ug/l	100

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

