

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027038.D
 Acq On : 22 Sep 2018 23:56
 Operator : MD/SY
 Sample : J4958-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:24 PM

Quant Time: Sep 24 05:39:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149450	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	78521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86258	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	4.88	113	60434	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	7.57	98	224669	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	10.31	95	81824	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	48955	43.335	ug/l	100
3) Chloromethane	1.33	50	86266	44.291	ug/l	98
4) Vinyl Chloride	1.40	62	83130	45.723	ug/l	99
5) Bromomethane	1.62	94	45498	43.945	ug/l	100
6) Chloroethane	1.69	64	54495	46.911	ug/l	100
7) Trichlorofluoromethane	1.88	101	92764	44.923	ug/l	99
8) Diethyl Ether	2.10	74	47696	47.988	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	53714	42.306	ug/l	99
10) Methyl Iodide	2.41	142	62304	39.566	ug/l	100
11) Tert butyl alcohol	2.83	59	106434	266.648	ug/l	98
12) 1,1-Dichloroethene	2.28	96	54987	46.013	ug/l	97
13) Acrolein	2.19	56	52345	243.272	ug/l	98
14) Allyl chloride	2.59	41	122371	50.487	ug/l	96
15) Acrylonitrile	2.94	53	255154	253.626	ug/l	99
16) Acetone	2.32	43	226762	244.790	ug/l	100
17) Carbon Disulfide	2.48	76	172310	44.261	ug/l	99
18) Methyl Acetate	2.61	43	116587	47.036	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	228549	52.044	ug/l	99
20) Methylene Chloride	2.70	84	71081	45.576	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	60736	47.602	ug/l	99
22) Diisopropyl ether	3.57	45	277213	53.471	ug/l	98
23) Vinyl Acetate	3.53	43	1072067	242.590	ug/l	99
24) 1,1-Dichloroethane	3.45	63	141401	49.522	ug/l	99
25) 2-Butanone	4.26	43	364028	248.738	ug/l	99
26) 2,2-Dichloropropane	4.23	77	90638	40.703	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	70718	49.079	ug/l	99
28) Bromochloromethane	4.55	49	73793	53.613	ug/l	96
29) Tetrahydrofuran	4.64	42	237983	268.810	ug/l	97
30) Chloroform	4.68	83	126208	47.618	ug/l	98
31) Cyclohexane	5.00	56	119091	45.835	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	102381	48.380	ug/l	99
36) 1,1-Dichloropropene	5.14	75	93166	46.709	ug/l	98
37) Ethyl Acetate	4.38	43	117224	43.414	ug/l	99
38) Carbon Tetrachloride	5.14	117	85909	45.260	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	93475	43.125	ug/l	99
40) Benzene	5.39	78	285568	47.096	ug/l	100
41) Methacrylonitrile	4.54	41	74084	52.830	ug/l	99
42) 1,2-Dichloroethane	5.40	62	111732	48.773	ug/l	99
43) Isopropyl Acetate	5.55	43	193227	49.070	ug/l	98
44) Trichloroethene	6.19	130	59594	46.166	ug/l	98
45) 1,2-Dichloropropane	6.43	63	82705	47.870	ug/l	96
46) Dibromomethane	6.56	93	47810	45.820	ug/l	99
47) Bromodichloromethane	6.76	83	97522	46.221	ug/l	98
48) Methyl methacrylate	6.62	41	101988	47.634	ug/l	98
49) 1,4-Dioxane	6.61	88	40971	962.496	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	694132	262.093	ug/l	98
52) Toluene	7.64	92	167599	48.222	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	113107	49.895	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	116364	46.685	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	70091	47.594	ug/l	98
56) Ethyl methacrylate	8.02	69	118029	46.357	ug/l	98
57) 1,3-Dichloropropane	8.24	76	134104	48.959	ug/l	100
59) 2-Hexanone	8.36	43	530943	256.107	ug/l	100
60) Dibromochloromethane	8.48	129	70461	48.777	ug/l	99
61) 1,2-Dibromoethane	8.59	107	72956	47.612	ug/l	98
64) Tetrachloroethene	8.23	164	48320	42.542	ug/l	98
65) Chlorobenzene	9.12	112	174012	44.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	63492	47.165	ug/l	99
67) Ethyl Benzene	9.25	91	314234	48.895	ug/l	99
68) m/p-Xylenes	9.38	106	232735	89.578	ug/l	98
69) o-Xylene	9.78	106	114796	50.414	ug/l	100
70) Styrene	9.79	104	189435	44.752	ug/l	100
71) Bromoform	9.96	173	50011	48.042	ug/l #	100
73) Isopropylbenzene	10.17	105	300421	50.296	ug/l	100
74) N-amyl acetate	10.02	43	167493	48.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124719	45.415	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	107350m	45.002	ug/l	
77) Bromobenzene	10.45	156	69461	47.589	ug/l	95
78) n-propylbenzene	10.59	91	359069	50.806	ug/l	100
79) 2-Chlorotoluene	10.66	91	219363	49.414	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	252274	51.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	33715m	45.230	ug/l	
82) 4-Chlorotoluene	10.77	91	249216	50.067	ug/l	98
83) tert-Butylbenzene	11.10	119	237345	48.690	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	256990	51.216	ug/l	99
85) sec-Butylbenzene	11.32	105	293895	49.390	ug/l	99
86) p-Isopropyltoluene	11.48	119	250619	44.980	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	125402	46.169	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	127978	43.231	ug/l	98
89) n-Butylbenzene	11.89	91	225796	42.113	ug/l	99
90) Hexachloroethane	12.15	117	48033	44.390	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	128351	44.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27786	49.596	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	80607	48.481	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	35679	40.556	ug/l	100
95) Naphthalene	13.74	128	308667	47.567	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86464	48.493	ug/l	98

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

