

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028598.D
 Acq On : 11 Dec 2018 10:54
 Operator : MD/SY
 Sample : J6314-14MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MSD

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 3:02:58 PM

Quant Time: Dec 11 13:28:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	87517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	159277	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	73873	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	4.88	113	53505	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	7.57	98	210650	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	10.31	95	78277	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	58106	49.534	ug/l	100
3) Chloromethane	1.33	50	109048	50.564	ug/l	100
4) Vinyl Chloride	1.40	62	81023	52.059	ug/l	100
5) Bromomethane	1.60	94	31673	50.520	ug/l	99
6) Chloroethane	1.68	64	45185	51.283	ug/l	98
7) Trichlorofluoromethane	1.88	101	81716	49.904	ug/l	99
8) Diethyl Ether	2.10	74	37876	49.440	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45837	46.805	ug/l	97
10) Methyl Iodide	2.41	142	48663	63.329	ug/l	99
11) Tert butyl alcohol	2.83	59	83121	279.343	ug/l	99
12) 1,1-Dichloroethene	2.28	96	48513	49.788	ug/l	98
13) Acrolein	2.19	56	57083	240.642	ug/l	99
14) Allyl chloride	2.59	41	109401	47.460	ug/l	98
15) Acrylonitrile	2.94	53	227828	275.782	ug/l	100
16) Acetone	2.32	43	183205	210.213	ug/l	100
17) Carbon Disulfide	2.47	76	167951	47.845	ug/l	100
18) Methyl Acetate	2.61	43	120868	53.500	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	193076	52.270	ug/l	99
20) Methylene Chloride	2.70	84	62102	48.338	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	54767	49.920	ug/l	98
22) Diisopropyl ether	3.57	45	240176	53.579	ug/l	97
23) Vinyl Acetate	3.52	43	929446	251.372	ug/l	99
24) 1,1-Dichloroethane	3.44	63	119926	51.109	ug/l	99
25) 2-Butanone	4.26	43	309807	260.120	ug/l	100
26) 2,2-Dichloropropane	4.23	77	64958	34.938	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	63492	51.131	ug/l	96
28) Bromochloromethane	4.55	49	60146	56.384	ug/l	99
29) Tetrahydrofuran	4.64	42	215437	281.647	ug/l	99
30) Chloroform	4.67	83	107744	52.684	ug/l	96
31) Cyclohexane	4.99	56	111684	48.744	ug/l	100
32) 1,1,1-Trichloroethane	4.91	97	88834	52.301	ug/l	98
36) 1,1-Dichloropropene	5.13	75	83820	48.091	ug/l	100
37) Ethyl Acetate	4.38	43	110787	49.171	ug/l	100
38) Carbon Tetrachloride	5.13	117	69340	49.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	91474	43.019	ug/l	99
40) Benzene	5.39	78	258116	50.282	ug/l	98
41) Methacrylonitrile	4.54	41	68181	55.256	ug/l	96
42) 1,2-Dichloroethane	5.40	62	90341	50.277	ug/l	99
43) Isopropyl Acetate	5.55	43	182576	51.232	ug/l	100
44) Trichloroethene	6.18	130	58422	51.185	ug/l	94
45) 1,2-Dichloropropane	6.43	63	74794	51.813	ug/l	97
46) Dibromomethane	6.56	93	44018	51.393	ug/l	99
47) Bromodichloromethane	6.76	83	84105	50.462	ug/l	99
48) Methyl methacrylate	6.62	41	95559	53.919	ug/l	100
49) 1,4-Dioxane	6.61	88	29034	1037.542	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	606511	269.837	ug/l	100
52) Toluene	7.64	92	148762	49.241	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	95623	48.173	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	102011	47.368	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	61269	51.305	ug/l	98
56) Ethyl methacrylate	8.02	69	109460	53.525	ug/l	100
57) 1,3-Dichloropropane	8.24	76	112797	50.882	ug/l	99
59) 2-Hexanone	8.36	43	467136	262.209	ug/l	100
60) Dibromochloromethane	8.48	129	59036	50.492	ug/l	100
61) 1,2-Dibromoethane	8.58	107	65091	51.976	ug/l	97
64) Tetrachloroethene	8.22	164	47188	47.364	ug/l	97
65) Chlorobenzene	9.12	112	158591	49.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	53750	52.884	ug/l	98
67) Ethyl Benzene	9.25	91	288652	49.334	ug/l	100
68) m/p-Xylenes	9.37	106	209270	98.294	ug/l	98
69) o-Xylene	9.78	106	105808	51.140	ug/l	99
70) Stvrene	9.79	104	172839	50.479	ug/l	99
71) Bromoform	9.96	173	45695	52.850	ug/l #	99
73) Isopropylbenzene	10.16	105	272737	49.982	ug/l	100
74) N-amyl acetate	10.01	43	158159	50.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	114252	54.505	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	105187m	57.926	ug/l	
77) Bromobenzene	10.45	156	64940	50.886	ug/l	99
78) n-propylbenzene	10.58	91	332145	48.985	ug/l	99
79) 2-Chlorotoluene	10.66	91	198491	50.820	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	229202	50.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	37741m	51.089	ug/l	
82) 4-Chlorotoluene	10.77	91	225879	48.803	ug/l	100
83) tert-Butylbenzene	11.10	119	223840	51.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	236515	50.808	ug/l	99
85) sec-Butylbenzene	11.32	105	276174	49.378	ug/l	99
86) p-Isopropyltoluene	11.48	119	230005	48.410	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	118104	49.010	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	120910	48.496	ug/l	99
89) n-Butylbenzene	11.89	91	220289	45.814	ug/l	100
90) Hexachloroethane	12.14	117	36133	50.316	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	120742	50.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	25399	55.967	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	77381	46.772	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	34387	43.551	ug/l	97
95) Naphthalene	13.74	128	286291	49.495	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80262	48.691	ug/l	99

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

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