

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028632.D
 Acq On : 12 Dec 2018 01:17
 Operator : MD/SY
 Sample : J6347-07MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 11:49:02 AM

Quant Time: Dec 12 05:54:52 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	80523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	144761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	68582	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
35) Dibromofluoromethane	4.88	113	50037	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	7.57	98	194179	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	10.30	95	71535	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	54437	50.437	ug/l	100
3) Chloromethane	1.33	50	93981	47.363	ug/l	98
4) Vinyl Chloride	1.40	62	71643	50.031	ug/l	99
5) Bromomethane	1.61	94	28393	49.222	ug/l	98
6) Chloroethane	1.69	64	41179	50.795	ug/l	98
7) Trichlorofluoromethane	1.88	101	76386	50.701	ug/l	99
8) Diethyl Ether	2.10	74	34134	48.426	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45081	50.031	ug/l	99
10) Methyl Iodide	2.41	142	46676	66.019	ug/l	100
11) Tert butyl alcohol	2.83	59	86417	315.645	ug/l	99
12) 1,1-Dichloroethene	2.28	96	44941	50.128	ug/l	96
13) Acrolein	2.19	56	56727	259.913	ug/l	100
14) Allyl chloride	2.59	41	105310	49.654	ug/l	99
15) Acrylonitrile	2.94	53	219663	288.993	ug/l	99
16) Acetone	2.32	43	181624	226.500	ug/l	99
17) Carbon Disulfide	2.48	76	153304	47.466	ug/l	100
18) Methyl Acetate	2.61	43	117617	56.583	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	178212	52.436	ug/l	98
20) Methylene Chloride	2.70	84	56523	47.817	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	49844	49.379	ug/l	99
22) Diisopropyl ether	3.57	45	222410	53.925	ug/l	98
23) Vinyl Acetate	3.52	43	825648	242.695	ug/l	99
24) 1,1-Dichloroethane	3.44	63	111036	51.430	ug/l	98
25) 2-Butanone	4.26	43	309811	282.717	ug/l	98
26) 2,2-Dichloropropane	4.22	77	75846	44.337	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	57969	50.738	ug/l	99
28) Bromochloromethane	4.55	49	55965	57.022	ug/l	98
29) Tetrahydrofuran	4.64	42	213782	303.759	ug/l	98
30) Chloroform	4.67	83	99649	52.958	ug/l	99
31) Cyclohexane	4.99	56	107808	51.199	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	82570	52.835	ug/l	97
36) 1,1-Dichloropropene	5.13	75	76446	48.258	ug/l	100
37) Ethyl Acetate	4.38	43	111683	54.539	ug/l	99
38) Carbon Tetrachloride	5.13	117	63614	49.824	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87833	45.449	ug/l	98
40) Benzene	5.39	78	237682	50.944	ug/l	96
41) Methacrylonitrile	4.54	41	64390	57.417	ug/l	98
42) 1,2-Dichloroethane	5.40	62	82975	50.808	ug/l	98
43) Isopropyl Acetate	5.55	43	167467	51.704	ug/l	98
44) Trichloroethene	6.18	130	50008	48.206	ug/l	98
45) 1,2-Dichloropropane	6.43	63	69813	53.212	ug/l	99
46) Dibromomethane	6.56	93	39985	51.366	ug/l	99
47) Bromodichloromethane	6.76	83	78039	51.518	ug/l	98
48) Methyl methacrylate	6.62	41	91311	56.689	ug/l	98
49) 1,4-Dioxane	6.61	88	30127	1184.558	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	588282	287.971	ug/l	99
52) Toluene	7.64	92	134569	49.010	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	89582	49.655	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	95699	48.893	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	57367	52.854	ug/l	97
56) Ethyl methacrylate	8.02	69	99670	53.625	ug/l	97
57) 1,3-Dichloropropane	8.24	76	103150	51.197	ug/l	99
59) 2-Hexanone	8.36	43	456643	282.022	ug/l	100
60) Dibromochloromethane	8.48	129	54689	51.465	ug/l	100
61) 1,2-Dibromoethane	8.58	107	59689	52.442	ug/l	100
64) Tetrachloroethene	8.22	164	42520	47.284	ug/l	99
65) Chlorobenzene	9.12	112	140581	48.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49176	53.605	ug/l	98
67) Ethyl Benzene	9.25	91	262280	49.664	ug/l	100
68) m/p-Xylenes	9.37	106	192724	100.290	ug/l	100
69) o-Xylene	9.78	106	94042	50.358	ug/l	100
70) Stvrene	9.79	104	155604	50.349	ug/l	100
71) Bromoform	9.96	173	41701	53.435	ug/l #	99
73) Isopropylbenzene	10.16	105	247894	50.234	ug/l	100
74) N-amyl acetate	10.01	43	143933	50.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	105694	55.756	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	93750m	57.089	ug/l	
77) Bromobenzene	10.45	156	58344	50.553	ug/l	99
78) n-propylbenzene	10.58	91	304997	49.740	ug/l	99
79) 2-Chlorotoluene	10.66	91	181671	51.434	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	206956	50.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	31432m	47.091	ug/l	
82) 4-Chlorotoluene	10.77	91	207767	49.639	ug/l	100
83) tert-Butylbenzene	11.10	119	198799	50.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	213180	50.640	ug/l	100
85) sec-Butylbenzene	11.32	105	248022	49.035	ug/l	99
86) p-Isopropyltoluene	11.48	119	207227	48.230	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	104717	48.052	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	107021	47.466	ug/l	99
89) n-Butylbenzene	11.89	91	196989	45.302	ug/l	99
90) Hexachloroethane	12.14	117	33117	50.994	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	108416	49.735	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23682	57.704	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	70229	46.937	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	27217	38.116	ug/l	95
95) Naphthalene	13.74	128	264093	50.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	73308	49.175	ug/l	97

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

