

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024554.D
 Acq On : 14 Jun 2018 20:45
 Operator : MD/SY
 Sample : J3443-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MSD

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:29:38 PM

Quant Time: Jun 15 05:08:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269002	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129015	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	4.89	113	110053	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	7.57	98	406576	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	10.31	95	160549	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	90794	43.550	ug/l	98
3) Chloromethane	1.33	50	100396	47.135	ug/l	100
4) Vinyl Chloride	1.40	62	109928	50.044	ug/l	99
5) Bromomethane	1.63	94	61481	57.898	ug/l	98
6) Chloroethane	1.70	64	67127	54.789	ug/l	99
7) Trichlorofluoromethane	1.89	101	162171	48.377	ug/l	98
8) Diethyl Ether	2.10	74	61976	54.495	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	92928	44.683	ug/l	98
10) Methyl Iodide	2.41	142	80420	46.148	ug/l	98
11) Tert butyl alcohol	2.82	59	138716	209.754	ug/l	98
12) 1,1-Dichloroethene	2.29	96	88583	46.707	ug/l	91
13) Acrolein	2.19	56	77264	222.483	ug/l	97
14) Allyl chloride	2.60	41	156248	44.371	ug/l	94
15) Acrylonitrile	2.94	53	324341	252.074	ug/l	98
16) Acetone	2.32	43	265716	181.871	ug/l	96
17) Carbon Disulfide	2.48	76	280655	46.215	ug/l	99
18) Methyl Acetate	2.62	43	147495	47.091	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	337718	47.371	ug/l	97
20) Methylene Chloride	2.71	84	105158	45.872	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	100998	48.351	ug/l	94
22) Diisopropyl ether	3.57	45	336895	48.261	ug/l	95
23) Vinyl Acetate	3.53	43	1495306	239.125	ug/l	98
24) 1,1-Dichloroethane	3.45	63	191714	47.740	ug/l	99
25) 2-Butanone	4.26	43	458568	233.669	ug/l	98
26) 2,2-Dichloropropane	4.23	77	151522	39.736	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	116609	48.557	ug/l	95
28) Bromochloromethane	4.55	49	93355	52.778	ug/l	86
29) Tetrahydrofuran	4.64	42	300649	247.388	ug/l	97
30) Chloroform	4.68	83	197408	48.567	ug/l	99
31) Cyclohexane	5.00	56	174188	48.797	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	172890	45.998	ug/l	96
36) 1,1-Dichloropropene	5.14	75	144494	45.712	ug/l	97
37) Ethyl Acetate	4.38	43	167046	48.486	ug/l	96
38) Carbon Tetrachloride	5.14	117	160866	46.279	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	175608	44.518	ug/l	96
40) Benzene	5.39	78	429974	47.737	ug/l	100
41) Methacrylonitrile	4.54	41	95472	51.397	ug/l	99
42) 1,2-Dichloroethane	5.41	62	155494	45.327	ug/l	98
43) Isopropyl Acetate	5.55	43	279524	46.937	ug/l	98
44) Trichloroethene	6.19	130	119314	46.545	ug/l	95
45) 1,2-Dichloropropane	6.44	63	116480	48.467	ug/l	100
46) Dibromomethane	6.56	93	82600	48.931	ug/l	95
47) Bromodichloromethane	6.76	83	159159	47.348	ug/l	99
48) Methyl methacrylate	6.63	41	138170	47.647	ug/l	98
49) 1,4-Dioxane	6.61	88	50034	882.273	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	921419	246.277	ug/l	99
52) Toluene	7.64	92	276549	47.723	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	177857	47.115	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	184856	45.956	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	112166	47.618	ug/l	99
56) Ethyl methacrylate	8.02	69	193028	48.960	ug/l	98
57) 1,3-Dichloropropane	8.25	76	189127	47.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.14	63	1250m	0.828	ug/l	
59) 2-Hexanone	8.36	43	724988	237.351	ug/l	99
60) Dibromochloromethane	8.48	129	136935	46.619	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125679	47.937	ug/l	98
64) Tetrachloroethene	8.23	164	99025	40.440	ug/l	98
65) Chlorobenzene	9.12	112	314898	47.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	116701	46.675	ug/l	98
67) Ethyl Benzene	9.25	91	542845	47.052	ug/l	98
68) m/p-Xylenes	9.38	106	415336	93.751	ug/l	98
69) o-Xylene	9.78	106	203223	46.351	ug/l	97
70) Styrene	9.80	104	343866	47.725	ug/l	99
71) Bromoform	9.96	173	113346	47.695	ug/l #	98
73) Isopropylbenzene	10.17	105	545446	45.646	ug/l	98
74) N-amyl acetate	10.01	43	262281	46.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194559	48.588	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	170644m	49.799	ug/l	
77) Bromobenzene	10.45	156	142146	46.988	ug/l	96
78) n-propylbenzene	10.59	91	649660	46.153	ug/l	98
79) 2-Chlorotoluene	10.66	91	383266	46.171	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	468737	45.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63892m	43.154	ug/l	
82) 4-Chlorotoluene	10.78	91	447511	46.319	ug/l	99
83) tert-Butylbenzene	11.10	119	465296	46.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480456	45.520	ug/l	99
85) sec-Butylbenzene	11.33	105	572864	45.937	ug/l	97
86) p-Isopropyltoluene	11.48	119	503435	45.075	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	259784	46.481	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	261959	46.568	ug/l	100
89) n-Butylbenzene	11.89	91	463879	46.781	ug/l	97
90) Hexachloroethane	12.15	117	95553	43.856	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	259811	46.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51011	46.168	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	183084	52.961	ug/l	99
94) Hexachlorobutadiene	13.70	225	85092	43.732	ug/l	100
95) Naphthalene	13.74	128	587000	51.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	185898	53.968	ug/l	99

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

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