

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071018\
 Data File : VU025303.D
 Acq On : 10 Jul 2018 20:57
 Operator : MD/SY
 Sample : J3905-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-1-070518MSD

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 5:05:59 PM

Quant Time: Jul 11 04:27:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	187425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	285025	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	127231	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
35) Dibromofluoromethane	4.89	113	105771	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
50) Toluene-d8	7.57	98	345386	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	10.31	95	143630	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82100	42.33	ug/l	99
3) Chloromethane	1.33	50	93272	48.28	ug/l	98
4) Vinyl Chloride	1.40	62	101650	47.69	ug/l	99
5) Bromomethane	1.61	94	59260	55.00	ug/l	98
6) Chloroethane	1.69	64	64863	47.86	ug/l	97
7) Trichlorofluoromethane	1.88	101	154623	46.16	ug/l	100
8) Diethyl Ether	2.10	74	63421	50.45	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	95368	45.94	ug/l	99
10) Methyl Iodide	2.41	142	93260	41.66	ug/l	99
11) Tert butyl alcohol	2.83	59	172813	272.05	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91506	48.16	ug/l	95
13) Acrolein	2.19	56	69815	166.13	ug/l	98
14) Allyl chloride	2.59	41	156284	45.36	ug/l	99
15) Acrylonitrile	2.94	53	346430	265.26	ug/l	99
16) Acetone	2.32	43	324558	219.04	ug/l	98
17) Carbon Disulfide	2.48	76	239113	43.34	ug/l	100
18) Methyl Acetate	2.62	43	158288	53.09	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	375541	51.97	ug/l	100
20) Methylene Chloride	2.70	84	112265	49.84	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	101275	46.65	ug/l	99
22) Diisopropyl ether	3.57	45	357502	50.81	ug/l	96
23) Vinyl Acetate	3.53	43	1531061	248.04	ug/l	99
24) 1,1-Dichloroethane	3.45	63	200939	50.64	ug/l	99
25) 2-Butanone	4.26	43	503476	249.46	ug/l	100
26) 2,2-Dichloropropane	4.23	77	157726	41.34	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	123441	49.14	ug/l	98
28) Bromochloromethane	4.55	49	93775	48.94	ug/l	98
29) Tetrahydrofuran	4.63	42	317221	262.04	ug/l	100
30) Chloroform	4.68	83	216726	51.57	ug/l	99
31) Cyclohexane	5.00	56	162520	44.28	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	194090	50.96	ug/l	99
36) 1,1-Dichloropropene	5.14	75	147394	46.52	ug/l	99
37) Ethyl Acetate	4.38	43	177930	50.35	ug/l	100
38) Carbon Tetrachloride	5.14	117	167703	49.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	161759	40.93	ug/l	96
40) Benzene	5.39	78	440416	48.23	ug/l	98
41) Methacrylonitrile	4.54	41	102720	52.43	ug/l	99
42) 1,2-Dichloroethane	5.41	62	179114	49.34	ug/l	99
43) Isopropyl Acetate	5.55	43	283532	50.10	ug/l	100
44) Trichloroethene	6.19	130	124171	47.36	ug/l	99
45) 1,2-Dichloropropane	6.44	63	121591	50.84	ug/l	97
46) Dibromomethane	6.56	93	85891	49.35	ug/l	99
47) Bromodichloromethane	6.76	83	163247	50.49	ug/l	96
48) Methyl methacrylate	6.62	41	147139	52.16	ug/l	99
49) 1,4-Dioxane	6.62	88	64354	948.00	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	957427	260.30	ug/l	100
52) Toluene	7.64	92	283324	48.77	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	173187	48.75	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	182778	48.34	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120657	49.87	ug/l	97
56) Ethyl methacrylate	8.02	69	193227	51.13	ug/l	97
57) 1,3-Dichloropropane	8.25	76	201944	50.28	ug/l	100
59) 2-Hexanone	8.36	43	753463	252.55	ug/l	98
60) Dibromochloromethane	8.48	129	137369	52.57	ug/l	100
61) 1,2-Dibromoethane	8.59	107	132891	51.33	ug/l	98
64) Tetrachloroethene	8.23	164	119890	48.97	ug/l	100
65) Chlorobenzene	9.12	112	329959	49.18	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	127346	53.06	ug/l	99
67) Ethyl Benzene	9.25	91	557805	48.76	ug/l	100
68) m/p-Xylenes	9.38	106	435338	98.44	ug/l	100
69) o-Xylene	9.78	106	219544	49.59	ug/l	97
70) Styrene	9.80	104	358150	50.92	ug/l	98
71) Bromoform	9.96	173	109155	47.31	ug/l #	99
73) Isopropylbenzene	10.17	105	579654	47.41	ug/l	100
74) N-amyl acetate	10.01	43	249526	49.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	201295	50.33	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	181356m	54.79	ug/l	
77) Bromobenzene	10.45	156	153377	49.04	ug/l	99
78) n-propylbenzene	10.59	91	645019	47.54	ug/l	100
79) 2-Chlorotoluene	10.66	91	400053	51.35	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	495052	48.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	58081m	45.56	ug/l	
82) 4-Chlorotoluene	10.78	91	451835	47.03	ug/l	99
83) tert-Butylbenzene	11.10	119	506617	48.73	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	504994	47.90	ug/l	99
85) sec-Butylbenzene	11.33	105	590289	48.22	ug/l	100
86) p-Isopropyltoluene	11.48	119	516509	47.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	271281	47.46	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	271751	48.71	ug/l	100
89) n-Butylbenzene	11.89	91	404165	45.36	ug/l	99
90) Hexachloroethane	12.15	117	86251	47.00	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	282096	48.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51713	53.31	ug/l	98
93) 1,2,4-Trichlorobenzene	13.51	180	174632	45.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	90747	43.95	ug/l	97
95) Naphthalene	13.74	128	609936	51.82	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	188273	48.07	ug/l	99

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

