

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025302.D
 Acq On : 10 Jul 2018 20:33
 Operator : MD/SY
 Sample : J3905-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BR-1-070518MS

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 5:05:58 PM

Quant Time: Jul 11 04:25:12 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	184881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	289114	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133005	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	4.89	113	108942	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
50) Toluene-d8	7.57	98	350263	41.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.88%	
62) 4-Bromofluorobenzene	10.31	95	144892	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81825	42.77	ug/l	98
3) Chloromethane	1.33	50	93215	48.91	ug/l	100
4) Vinyl Chloride	1.40	62	98885	47.03	ug/l	98
5) Bromomethane	1.61	94	49284	45.43	ug/l	97
6) Chloroethane	1.69	64	66932	50.06	ug/l	98
7) Trichlorofluoromethane	1.88	101	149492	45.24	ug/l	97
8) Diethyl Ether	2.10	74	63464	51.18	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	91693	44.78	ug/l	99
10) Methyl Iodide	2.41	142	82839	38.28	ug/l	100
11) Tert butyl alcohol	2.83	59	172875	275.89	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88567	47.26	ug/l	95
13) Acrolein	2.19	56	67118	161.91	ug/l	99
14) Allyl chloride	2.59	41	154778	45.54	ug/l	99
15) Acrylonitrile	2.94	53	346386	268.88	ug/l	100
16) Acetone	2.32	43	327419	223.90	ug/l	100
17) Carbon Disulfide	2.48	76	234105	43.03	ug/l	99
18) Methyl Acetate	2.62	43	156294	53.15	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	379241	53.20	ug/l	100
20) Methylene Chloride	2.70	84	112565	50.65	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	100088	46.73	ug/l	98
22) Diisopropyl ether	3.57	45	357940	51.57	ug/l	95
23) Vinyl Acetate	3.53	43	1526377	250.68	ug/l	99
24) 1,1-Dichloroethane	3.45	63	205748	52.56	ug/l	100
25) 2-Butanone	4.26	43	500453	251.37	ug/l	100
26) 2,2-Dichloropropane	4.23	77	156675	41.63	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	123581	49.87	ug/l	98
28) Bromochloromethane	4.55	49	95104	50.31	ug/l	100
29) Tetrahydrofuran	4.63	42	314932	263.73	ug/l	100
30) Chloroform	4.68	83	215692	52.03	ug/l	98
31) Cyclohexane	5.00	56	155072	42.85	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	190582	50.73	ug/l	99
36) 1,1-Dichloropropene	5.14	75	141994	44.18	ug/l	98
37) Ethyl Acetate	4.38	43	177790	49.60	ug/l	100
38) Carbon Tetrachloride	5.14	117	164716	47.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	158348	39.50	ug/l	97
40) Benzene	5.39	78	435039	46.97	ug/l	99
41) Methacrylonitrile	4.54	41	102071	51.36	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179576	48.77	ug/l	98
43) Isopropyl Acetate	5.55	43	284357	49.54	ug/l	99
44) Trichloroethene	6.19	130	119458	44.92	ug/l	98
45) 1,2-Dichloropropane	6.44	63	119049	49.07	ug/l	98
46) Dibromomethane	6.56	93	86201	48.82	ug/l	99
47) Bromodichloromethane	6.76	83	164498	50.16	ug/l	98
48) Methyl methacrylate	6.62	41	149784	52.34	ug/l	99
49) 1,4-Dioxane	6.61	88	67289	977.22	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	967861	259.42	ug/l	100
52) Toluene	7.64	92	278875	47.32	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	172753	47.94	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	182241	47.52	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	121919	49.68	ug/l	97
56) Ethyl methacrylate	8.02	69	194369	50.71	ug/l	98
57) 1,3-Dichloropropane	8.25	76	203516	49.95	ug/l	99
59) 2-Hexanone	8.36	43	760226	251.21	ug/l	98
60) Dibromochloromethane	8.48	129	135703	51.20	ug/l	99
61) 1,2-Dibromoethane	8.59	107	132144	50.32	ug/l	100
64) Tetrachloroethene	8.23	164	115295	46.74	ug/l	99
65) Chlorobenzene	9.12	112	328886	48.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	124492	51.48	ug/l	100
67) Ethyl Benzene	9.25	91	542586	47.08	ug/l	99
68) m/p-Xylenes	9.38	106	422554	94.83	ug/l	100
69) o-Xylene	9.78	106	216045	48.43	ug/l	99
70) Styrene	9.80	104	344073	48.56	ug/l	99
71) Bromoform	9.96	173	108180	46.61	ug/l #	99
73) Isopropylbenzene	10.17	105	558584	46.77	ug/l	99
74) N-amyl acetate	10.01	43	249676	51.05	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	204781	52.41	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	184926m	57.16	ug/l	
77) Bromobenzene	10.45	156	149367	48.89	ug/l	99
78) n-propylbenzene	10.59	91	622608	46.98	ug/l	100
79) 2-Chlorotoluene	10.66	91	387913	50.98	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	479811	47.75	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	57395m	46.09	ug/l	
82) 4-Chlorotoluene	10.78	91	441662	47.07	ug/l	100
83) tert-Butylbenzene	11.10	119	481042	47.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	492487	47.82	ug/l	99
85) sec-Butylbenzene	11.33	105	560701	46.90	ug/l	100
86) p-Isopropyltoluene	11.48	119	500834	47.31	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	263077	47.12	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	260817	47.89	ug/l	98
89) n-Butylbenzene	11.89	91	390884	44.91	ug/l	100
90) Hexachloroethane	12.15	117	83522	46.59	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	279341	49.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51724	54.58	ug/l	99
93) 1,2,4-Trichlorobenzene	13.51	180	165151	44.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	86884	43.08	ug/l	99
95) Naphthalene	13.74	128	581754	50.66	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	180024	47.11	ug/l	99

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

