

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025888.D
 Acq On : 06 Aug 2018 16:07
 Operator : MD/SY
 Sample : VU0806WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:51:37 PM

Quant Time: Aug 07 01:21:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245779	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131463	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	4.89	113	106695	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	7.57	98	371230	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	10.31	95	141481	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	39758	15.71	ug/l	95
3) Chloromethane	1.33	50	45178	18.68	ug/l	96
4) Vinyl Chloride	1.41	62	43051	18.92	ug/l	99
5) Bromomethane	1.63	94	25781	23.19	ug/l	98
6) Chloroethane	1.70	64	27089	20.35	ug/l	97
7) Trichlorofluoromethane	1.89	101	62746	19.07	ug/l	100
8) Diethyl Ether	2.10	74	22921	19.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38367	20.15	ug/l	100
10) Methyl Iodide	2.41	142	30747	22.93	ug/l	98
11) Tert butyl alcohol	2.83	59	51724	90.57	ug/l	98
12) 1,1-Dichloroethene	2.28	96	36416	20.26	ug/l	96
13) Acrolein	2.20	56	35414	170.58	ug/l	100
14) Allyl chloride	2.60	41	62266	19.28	ug/l	95
15) Acrylonitrile	2.94	53	119289	104.61	ug/l	99
16) Acetone	2.32	43	154159	121.22	ug/l	98
17) Carbon Disulfide	2.48	76	113094	19.44	ug/l	99
18) Methyl Acetate	2.62	43	59037	19.29	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133999	20.57	ug/l	100
20) Methylene Chloride	2.70	84	49403	21.92	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41242	19.85	ug/l	99
22) Diisopropyl ether	3.58	45	131267	20.62	ug/l	97
23) Vinyl Acetate	3.53	43	582259	104.96	ug/l	100
24) 1,1-Dichloroethane	3.45	63	78995	20.67	ug/l	99
25) 2-Butanone	4.27	43	218628	126.28	ug/l	98
26) 2,2-Dichloropropane	4.23	77	71489	20.58	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	47241	20.16	ug/l	98
28) Bromochloromethane	4.55	49	31183	18.25	ug/l	97
29) Tetrahydrofuran	4.64	42	107970	104.10	ug/l	98
30) Chloroform	4.68	83	82335	20.41	ug/l	100
31) Cyclohexane	5.00	56	68287	19.72	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	74612	20.55	ug/l	99
36) 1,1-Dichloropropene	5.14	75	60032	20.90	ug/l	99
37) Ethyl Acetate	4.39	43	64010	21.49	ug/l	99
38) Carbon Tetrachloride	5.14	117	69387	21.33	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	64045	19.46	ug/l	96
40) Benzene	5.39	78	171071	20.38	ug/l	100
41) Methacrylonitrile	4.55	41	34766	21.02	ug/l	98
42) 1,2-Dichloroethane	5.41	62	66677	20.62	ug/l	99
43) Isopropyl Acetate	5.55	43	100964	20.51	ug/l	99
44) Trichloroethene	6.19	130	47693	20.40	ug/l	99
45) 1,2-Dichloropropane	6.44	63	45386	20.73	ug/l	100
46) Dibromomethane	6.56	93	32882	20.72	ug/l	98
47) Bromodichloromethane	6.76	83	63450	20.96	ug/l	97
48) Methyl methacrylate	6.63	41	48602	20.15	ug/l	98
49) 1,4-Dioxane	6.62	88	21530	366.79	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	404042	131.13	ug/l	99
52) Toluene	7.64	92	109735	21.04	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	68504	20.16	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	72566	20.79	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	43478	20.06	ug/l	99
56) Ethyl methacrylate	8.02	69	62522	20.19	ug/l	98
57) 1,3-Dichloropropane	8.25	76	74769	20.51	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	117279	88.33	ug/l	100
59) 2-Hexanone	8.36	43	309577	128.17	ug/l	99
60) Dibromochloromethane	8.48	129	50793	19.87	ug/l	98
61) 1,2-Dibromoethane	8.59	107	50130	20.79	ug/l	99
64) Tetrachloroethene	8.23	164	44799	21.23	ug/l	99
65) Chlorobenzene	9.12	112	124668	20.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47089	21.06	ug/l	98
67) Ethyl Benzene	9.25	91	207082	20.23	ug/l	96
68) m/p-Xylenes	9.38	106	162441	41.32	ug/l	100
69) o-Xylene	9.78	106	77231	20.10	ug/l	97
70) Styrene	9.80	104	128416	20.69	ug/l	98
71) Bromoform	9.96	173	38655	19.94	ug/l #	100
73) Isopropylbenzene	10.17	105	208625	20.40	ug/l	99
74) N-amyl acetate	10.02	43	85473	20.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	72160	20.40	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	64827m	19.63	ug/l	
77) Bromobenzene	10.45	156	55578	19.70	ug/l	96
78) n-propylbenzene	10.59	91	246780	20.67	ug/l	100
79) 2-Chlorotoluene	10.66	91	147212	21.05	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	180091	20.73	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.52	75	18978m	14.41	ug/l	
82) 4-Chlorotoluene	10.78	91	173468	21.05	ug/l	100
83) tert-Butylbenzene	11.10	119	171780	19.90	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	184229	20.93	ug/l	99
85) sec-Butylbenzene	11.33	105	208674	19.80	ug/l	100
86) p-Isopropyltoluene	11.48	119	186036	19.72	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	106581	20.35	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109060	19.98	ug/l	99
89) n-Butylbenzene	11.89	91	165111	18.96	ug/l	99
90) Hexachloroethane	12.15	117	32696	19.49	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	105034	20.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17560	20.94	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	67803	19.57	ug/l	98
94) Hexachlorobutadiene	13.70	225	31624	17.32	ug/l	98
95) Naphthalene	13.75	128	196178	18.44	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69072	19.99	ug/l	99

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

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