

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025082.D
 Acq On : 30 Jun 2018 12:44
 Operator : MD/SY
 Sample : VU0630WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:16:54 PM

Quant Time: Jul 02 06:36:32 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	176593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264907	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137824	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	4.89	113	111044	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	7.57	98	355361	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
62) 4-Bromofluorobenzene	10.31	95	149135	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39345	17.80	ug/l	99
3) Chloromethane	1.33	50	42778	18.94	ug/l	99
4) Vinyl Chloride	1.40	62	45367	19.48	ug/l	100
5) Bromomethane	1.62	94	30528	27.12	ug/l	95
6) Chloroethane	1.70	64	30070	22.53	ug/l	94
7) Trichlorofluoromethane	1.89	101	75355	21.20	ug/l	99
8) Diethyl Ether	2.10	74	28458	22.49	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45446	20.61	ug/l	98
10) Methyl Iodide	2.41	142	44312	26.52	ug/l	97
11) Tert butyl alcohol	2.82	59	73655	105.05	ug/l	99
12) 1,1-Dichloroethene	2.28	96	41302	20.54	ug/l	94
13) Acrolein	2.19	56	23389	63.52	ug/l	96
14) Allyl chloride	2.60	41	72764	19.49	ug/l	100
15) Acrylonitrile	2.94	53	141971	104.07	ug/l	99
16) Acetone	2.32	43	174864	112.89	ug/l	98
17) Carbon Disulfide	2.48	76	113112	17.57	ug/l	99
18) Methyl Acetate	2.62	43	83117	25.03	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	164413	21.75	ug/l	95
20) Methylene Chloride	2.70	84	50974	20.97	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	45839	20.70	ug/l	97
22) Diisopropyl ether	3.57	45	158002	21.35	ug/l	94
23) Vinyl Acetate	3.53	43	658021	99.25	ug/l	98
24) 1,1-Dichloroethane	3.45	63	90067	21.15	ug/l	99
25) 2-Butanone	4.26	43	222191	106.79	ug/l	95
26) 2,2-Dichloropropane	4.23	77	86640	21.43	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	53840	21.15	ug/l	98
28) Bromochloromethane	4.55	49	39138	20.87	ug/l	84
29) Tetrahydrofuran	4.64	42	130392	101.20	ug/l	95
30) Chloroform	4.68	83	94151	21.85	ug/l	99
31) Cyclohexane	5.00	56	81749	20.46	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	87008	21.83	ug/l	96
36) 1,1-Dichloropropene	5.14	75	65652	21.09	ug/l	97
37) Ethyl Acetate	4.38	43	77589	22.87	ug/l	98
38) Carbon Tetrachloride	5.14	117	75357	22.01	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	82421	21.22	ug/l	96
40) Benzene	5.39	78	195362	22.03	ug/l	100
41) Methacrylonitrile	4.54	41	42784	23.39	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80989	23.97	ug/l	99
43) Isopropyl Acetate	5.55	43	123739	21.10	ug/l	99
44) Trichloroethene	6.19	130	54784	21.70	ug/l	97
45) 1,2-Dichloropropane	6.44	63	52015	21.98	ug/l	98
46) Dibromomethane	6.56	93	37221	22.39	ug/l	94
47) Bromodichloromethane	6.76	83	72370	21.86	ug/l	97
48) Methyl methacrylate	6.62	41	64508	22.59	ug/l	97
49) 1,4-Dioxane	6.62	88	30267	541.96	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	402692	109.30	ug/l	98
52) Toluene	7.64	92	125688	22.03	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	75648	20.35	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	82190	20.75	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	51397	22.16	ug/l	96
56) Ethyl methacrylate	8.02	69	80765	20.80	ug/l	99
57) 1,3-Dichloropropane	8.25	76	89417	22.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	131245	88.24	ug/l	96
59) 2-Hexanone	8.36	43	320518	106.56	ug/l	99
60) Dibromochloromethane	8.48	129	57066	19.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	57599	22.31	ug/l	100
64) Tetrachloroethene	8.23	164	51832	21.82	ug/l	98
65) Chlorobenzene	9.12	112	142127	22.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	55190	22.75	ug/l	98
67) Ethyl Benzene	9.25	91	246211	22.00	ug/l	96
68) m/p-Xylenes	9.38	106	192986	44.90	ug/l	97
69) o-Xylene	9.78	106	96109	22.59	ug/l	95
70) Styrene	9.80	104	147810	21.14	ug/l	98
71) Bromoform	9.96	173	44438	19.27	ug/l #	100
73) Isopropylbenzene	10.17	105	256519	22.99	ug/l	99
74) N-amyl acetate	10.01	43	104148	19.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	84822	22.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	73327m	22.92	ug/l	
77) Bromobenzene	10.45	156	64771	22.93	ug/l	95
78) n-propylbenzene	10.59	91	283414	21.56	ug/l	98
79) 2-Chlorotoluene	10.66	91	175931	22.70	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	215903	22.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	26413m	19.10	ug/l	
82) 4-Chlorotoluene	10.78	91	196460	21.77	ug/l	99
83) tert-Butylbenzene	11.10	119	217447	23.37	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	219560	22.28	ug/l	100
85) sec-Butylbenzene	11.33	105	256969	22.07	ug/l	98
86) p-Isopropyltoluene	11.48	119	227626	21.82	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	113611	21.77	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	114838	21.86	ug/l	99
89) n-Butylbenzene	11.89	91	175492	18.95	ug/l	98
90) Hexachloroethane	12.15	117	39107	19.22	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	117719	22.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21191	20.54	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	70169	21.74	ug/l	99
94) Hexachlorobutadiene	13.70	225	40088	22.06	ug/l	98
95) Naphthalene	13.75	128	229434	21.86	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73698	22.91	ug/l	98

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

