

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025740.D
 Acq On : 31 Jul 2018 15:47
 Operator : MD/SY
 Sample : VU0801WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:40:51 AM

Quant Time: Jul 31 17:19:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	177505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258025	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	246975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	137304	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	4.89	113	113716	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	7.57	98	399695	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.31	95	152567	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	57877	21.573	ug/l 99
3) Chloromethane	1.33	50	48311	18.840	ug/l 100
4) Vinyl Chloride	1.40	62	48034	19.905	ug/l 100
5) Bromomethane	1.63	94	24591	20.864	ug/l 96
6) Chloroethane	1.70	64	27423	19.435	ug/l 99
7) Trichlorofluoromethane	1.89	101	70544	20.219	ug/l 100
8) Diethyl Ether	2.10	74	24618	19.501	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42150	20.875	ug/l 99
10) Methyl Iodide	2.41	142	25234	19.691	ug/l 99
11) Tert butyl alcohol	2.82	59	55057	90.925	ug/l 100
12) 1,1-Dichloroethene	2.28	96	38399	20.147	ug/l 92
13) Acrolein	2.19	56	25453	114.971	ug/l 97
14) Allyl chloride	2.59	41	64546	18.845	ug/l 98
15) Acrylonitrile	2.93	53	116781	96.595	ug/l 99
16) Acetone	2.32	43	127228	94.355	ug/l 98
17) Carbon Disulfide	2.48	76	116321	18.858	ug/l 100
18) Methyl Acetate	2.62	43	70385	21.687	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	137684	19.935	ug/l 100
20) Methylene Chloride	2.70	84	45085	18.866	ug/l 98
21) trans-1,2-Dichloroethene	2.99	96	42389	19.240	ug/l 98
22) Diisopropyl ether	3.57	45	136186	20.178	ug/l 97
23) Vinyl Acetate	3.53	43	570902	97.061	ug/l 99
24) 1,1-Dichloroethane	3.45	63	81862	20.205	ug/l 99
25) 2-Butanone	4.26	43	172605	94.035	ug/l 100
26) 2,2-Dichloropropane	4.23	77	75587	20.526	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	47973	19.313	ug/l 99
28) Bromochloromethane	4.55	49	35855	19.793	ug/l 99
29) Tetrahydrofuran	4.64	42	103893	94.474	ug/l 99
30) Chloroform	4.68	83	84605	19.784	ug/l 100
31) Cyclohexane	5.00	56	72715	19.816	ug/l 99
32) 1,1,1-Trichloroethane	4.92	97	77119	20.029	ug/l 99
36) 1,1-Dichloropropene	5.14	75	62010	20.564	ug/l 98
37) Ethyl Acetate	4.38	43	61118	19.547	ug/l 98
38) Carbon Tetrachloride	5.14	117	69866	20.456	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	71565	20.713	ug/l	98
40) Benzene	5.39	78	173753	19.713	ug/l	98
41) Methacrylonitrile	4.54	41	35594	20.496	ug/l	98
42) 1,2-Dichloroethane	5.41	62	69428	20.456	ug/l	99
43) Isopropyl Acetate	5.55	43	103061	19.947	ug/l	100
44) Trichloroethene	6.19	130	49939	20.344	ug/l	98
45) 1,2-Dichloropropane	6.44	63	45507	19.796	ug/l	100
46) Dibromomethane	6.56	93	33736	20.254	ug/l	99
47) Bromodichloromethane	6.76	83	64928	20.435	ug/l	98
48) Methyl methacrylate	6.62	41	50816	20.067	ug/l	96
49) 1,4-Dioxane	6.61	88	24766	401.892	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	315935	97.669	ug/l	100
52) Toluene	7.64	92	113091	20.652	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	73818	20.692	ug/l	94
54) cis-1,3-Dichloropropene	7.27	75	75200	20.521	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	46220	20.311	ug/l	98
56) Ethyl methacrylate	8.02	69	64768	19.920	ug/l	99
57) 1,3-Dichloropropane	8.25	76	78206	20.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133584	95.235	ug/l	98
59) 2-Hexanone	8.36	43	246566	97.239	ug/l	99
60) Dibromochloromethane	8.48	129	52099	19.414	ug/l	98
61) 1,2-Dibromoethane	8.59	107	51491	20.345	ug/l	96
64) Tetrachloroethene	8.23	164	43918	20.203	ug/l	97
65) Chlorobenzene	9.12	112	129360	20.315	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	48361	20.995	ug/l	99
67) Ethyl Benzene	9.25	91	213944	20.284	ug/l	99
68) m/p-Xylenes	9.38	106	172645	42.635	ug/l	97
69) o-Xylene	9.78	106	81966	20.711	ug/l	97
70) Styrene	9.80	104	133693	20.914	ug/l	98
71) Bromoform	9.96	173	39424	19.738	ug/l #	94
73) Isopropylbenzene	10.17	105	222598	21.132	ug/l	99
74) N-amyl acetate	10.01	43	89052	20.708	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	75255	20.659	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	62043m	18.245	ug/l	
77) Bromobenzene	10.45	156	59144	20.355	ug/l	99
78) n-propylbenzene	10.59	91	257922	20.978	ug/l	100
79) 2-Chlorotoluene	10.66	91	152484	21.174	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	191748	21.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	23054m	16.999	ug/l	
82) 4-Chlorotoluene	10.78	91	181046	21.328	ug/l	100
83) tert-Butylbenzene	11.10	119	188080	21.160	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	197924	21.832	ug/l	99
85) sec-Butylbenzene	11.33	105	227788	20.990	ug/l	99
86) p-Isopropyltoluene	11.48	119	209274	21.536	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108132	20.050	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109063	19.400	ug/l	97
89) n-Butylbenzene	11.89	91	179718	20.042	ug/l	99
90) Hexachloroethane	12.15	117	34504	19.971	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	109383	20.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17124	19.828	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	73056	20.476	ug/l	98
94) Hexachlorobutadiene	13.70	225	37001	19.673	ug/l	96
95) Naphthalene	13.75	128	209190	19.048	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	72670	20.418	ug/l	99

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

