

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028470.D
 Acq On : 05 Dec 2018 11:19
 Operator : MD/SY
 Sample : VU1205WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1205WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 4:53:12 PM

Quant Time: Dec 06 02:45:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	338858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	580033	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	545060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	267381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	290033	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	4.88	113	222075	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
50) Toluene-d8	7.56	98	871080	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	10.30	95	325674	58.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	95601	21.031	ug/l	97
3) Chloromethane	1.33	50	165658	18.801	ug/l	99
4) Vinyl Chloride	1.40	62	130212	21.122	ug/l	98
5) Bromomethane	1.62	94	56687	23.775	ug/l	94
6) Chloroethane	1.70	64	76471	21.557	ug/l	94
7) Trichlorofluoromethane	1.89	101	143279	22.375	ug/l	98
8) Diethyl Ether	2.10	74	67088	22.537	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90345	24.219	ug/l	95
10) Methyl Iodide	2.41	142	61698	17.539	ug/l	95
11) Tert butyl alcohol	2.82	59	143991	111.919	ug/l	98
12) 1,1-Dichloroethene	2.29	96	86900	24.005	ug/l	87
13) Acrolein	2.20	56	112615	98.458	ug/l	99
14) Allyl chloride	2.59	41	176860	18.699	ug/l	98
15) Acrylonitrile	2.94	53	346919	101.938	ug/l	98
16) Acetone	2.32	43	350712	101.236	ug/l	97
17) Carbon Disulfide	2.48	76	280261	20.170	ug/l	99
18) Methyl Acetate	2.61	43	195118	20.229	ug/l	95
19) Methyl tert-butyl Ether	3.00	73	322136	21.705	ug/l	99
20) Methylene Chloride	2.70	84	105059	21.459	ug/l	88
21) trans-1,2-Dichloroethene	2.98	96	94915	22.608	ug/l	95
22) Diisopropyl ether	3.57	45	367349	19.728	ug/l	# 94
23) Vinyl Acetate	3.52	43	1490352	96.289	ug/l	97
24) 1,1-Dichloroethane	3.45	63	191048	20.810	ug/l	98
25) 2-Butanone	4.26	43	489769	98.647	ug/l	96
26) 2,2-Dichloropropane	4.22	77	157470	21.597	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	108261	21.804	ug/l	92
28) Bromochloromethane	4.55	49	94824	20.656	ug/l	87
29) Tetrahydrofuran	4.64	42	312645	96.988	ug/l	92
30) Chloroform	4.67	83	179565	21.190	ug/l	99
31) Cyclohexane	5.00	56	190515	19.983	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	144077	21.188	ug/l	98
36) 1,1-Dichloropropene	5.13	75	137094	21.599	ug/l	97
37) Ethyl Acetate	4.38	43	172477	19.940	ug/l	96
38) Carbon Tetrachloride	5.13	117	112901	21.661	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	169680	22.674	ug/l	95
40) Benzene	5.39	78	418159	22.244	ug/l	100
41) Methacrylonitrile	4.54	41	98613	20.529	ug/l	94
42) 1,2-Dichloroethane	5.40	62	141953	20.961	ug/l	97
43) Isopropyl Acetate	5.55	43	279229	20.371	ug/l	96
44) Trichloroethene	6.19	130	97814	24.274	ug/l	93
45) 1,2-Dichloropropane	6.43	63	117742	21.388	ug/l	99
46) Dibromomethane	6.56	93	70803	22.391	ug/l	94
47) Bromodichloromethane	6.76	83	133768	21.268	ug/l	99
48) Methyl methacrylate	6.62	41	138179	19.353	ug/l	95
49) 1,4-Dioxane	6.61	88	59208	519.083	ug/l	87
51) 4-Methyl-2-Pentanone	7.46	43	873622	99.792	ug/l	95
52) Toluene	7.64	92	251869	23.267	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	162996	21.672	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	174517	21.659	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	101491	22.527	ug/l	97
56) Ethyl methacrylate	8.02	69	167915	21.908	ug/l	95
57) 1,3-Dichloropropane	8.24	76	179287	21.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	427732	103.944	ug/l	96
59) 2-Hexanone	8.36	43	677243	99.871	ug/l	94
60) Dibromochloromethane	8.48	129	96403	22.498	ug/l	99
61) 1,2-Dibromoethane	8.58	107	108251	23.460	ug/l	97
64) Tetrachloroethene	8.23	164	82900	23.122	ug/l	97
65) Chlorobenzene	9.12	112	258727	22.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	86541	22.308	ug/l	97
67) Ethyl Benzene	9.25	91	477687	22.410	ug/l	96
68) m/p-Xylenes	9.37	106	357912	46.649	ug/l	95
69) o-Xylene	9.78	106	174112	22.828	ug/l	98
70) Styrene	9.79	104	281476	22.883	ug/l	98
71) Bromoform	9.96	173	71732	21.998	ug/l #	100
73) Isopropylbenzene	10.16	105	463145	22.271	ug/l	100
74) N-amyl acetate	10.01	43	240485	18.457	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	169338	19.802	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	152639m	20.586	ug/l	
77) Bromobenzene	10.45	156	110092	22.467	ug/l	91
78) n-propylbenzene	10.58	91	556259	21.683	ug/l	98
79) 2-Chlorotoluene	10.66	91	330218	21.835	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	380609	21.719	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	56975m	20.397	ug/l	
82) 4-Chlorotoluene	10.77	91	376409	21.603	ug/l	98
83) tert-Butylbenzene	11.10	119	367749	22.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	391428	22.052	ug/l	98
85) sec-Butylbenzene	11.32	105	467035	22.011	ug/l	100
86) p-Isopropyltoluene	11.48	119	393283	22.542	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	199990	22.377	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	197978	22.011	ug/l	97
89) n-Butylbenzene	11.89	91	384398	22.324	ug/l	99
90) Hexachloroethane	12.14	117	56148	20.614	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	199118	22.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	37224	19.569	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	133852	22.933	ug/l	99
94) Hexachlorobutadiene	13.69	225	62356	22.625	ug/l	98
95) Naphthalene	13.74	128	462110	22.206	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	138653	23.489	ug/l	99

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

