

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028083.D
 Acq On : 13 Nov 2018 11:40
 Operator : MD/SY
 Sample : VU1113WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1113WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 9:34:22 AM

Quant Time: Nov 14 07:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	148531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	255054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	235795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	109308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	122592	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	4.88	113	86439	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
50) Toluene-d8	7.57	98	341263	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
62) 4-Bromofluorobenzene	10.31	95	120196	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	29267	15.507	ug/l	96
3) Chloromethane	1.33	50	44576	19.529	ug/l	98
4) Vinyl Chloride	1.41	62	42196	18.626	ug/l	99
5) Bromomethane	1.61	94	21243	25.150	ug/l	99
6) Chloroethane	1.69	64	25800	19.762	ug/l	100
7) Trichlorofluoromethane	1.88	101	50970	19.470	ug/l	96
8) Diethyl Ether	2.10	74	23032	20.547	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	30698	19.739	ug/l	100
10) Methyl Iodide	2.41	142	30731	25.937	ug/l	100
11) Tert butyl alcohol	2.83	59	59594	101.939	ug/l	98
12) 1,1-Dichloroethene	2.28	96	28668	18.416	ug/l	98
13) Acrolein	2.20	56	13240	56.306	ug/l	89
14) Allyl chloride	2.59	41	70709	18.585	ug/l	98
15) Acrylonitrile	2.94	53	143086	99.640	ug/l	100
16) Acetone	2.32	43	140389	102.466	ug/l	98
17) Carbon Disulfide	2.48	76	86653	17.030	ug/l	100
18) Methyl Acetate	2.62	43	78943	20.946	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	121475	19.350	ug/l	98
20) Methylene Chloride	2.70	84	38397	19.194	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	31789	17.695	ug/l	92
22) Diisopropyl ether	3.57	45	158746	20.210	ug/l	95
23) Vinyl Acetate	3.52	43	662213	98.097	ug/l	100
24) 1,1-Dichloroethane	3.45	63	75046	19.181	ug/l	98
25) 2-Butanone	4.26	43	218221	100.115	ug/l	98
26) 2,2-Dichloropropane	4.23	77	58280	19.850	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	40262	19.986	ug/l	99
28) Bromochloromethane	4.55	49	42068	22.936	ug/l	99
29) Tetrahydrofuran	4.64	42	137762	94.651	ug/l	100
30) Chloroform	4.67	83	69868	19.476	ug/l	99
31) Cyclohexane	5.00	56	75504	18.605	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	55224	19.339	ug/l	96
36) 1,1-Dichloropropene	5.14	75	50637	18.956	ug/l	99
37) Ethyl Acetate	4.38	43	76325	19.500	ug/l #	93
38) Carbon Tetrachloride	5.14	117	45318	19.143	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	62440	19.380	ug/l	97
40) Benzene	5.39	78	159368	19.513	ug/l	99
41) Methacrylonitrile	4.54	41	41978	20.097	ug/l	97
42) 1,2-Dichloroethane	5.40	62	57006	19.637	ug/l	99
43) Isopropyl Acetate	5.55	43	121120	19.752	ug/l	100
44) Trichloroethene	6.19	130	34010	19.373	ug/l	97
45) 1,2-Dichloropropane	6.43	63	47513	20.172	ug/l	97
46) Dibromomethane	6.56	93	26747	19.756	ug/l	98
47) Bromodichloromethane	6.76	83	53016	20.320	ug/l	97
48) Methyl methacrylate	6.62	41	60294	20.065	ug/l	98
49) 1,4-Dioxane	6.61	88	22969	468.503	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	402314	98.240	ug/l	99
52) Toluene	7.64	92	93136	19.398	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	60398	19.368	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	65739	20.439	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	38805	19.865	ug/l	98
56) Ethyl methacrylate	8.02	69	66483	19.299	ug/l	96
57) 1,3-Dichloropropane	8.24	76	72293	20.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	187039	101.378	ug/l	99
59) 2-Hexanone	8.36	43	317675	100.296	ug/l	98
60) Dibromochloromethane	8.48	129	36612	19.807	ug/l	97
61) 1,2-Dibromoethane	8.59	107	40229	19.381	ug/l	95
64) Tetrachloroethene	8.23	164	30007	19.626	ug/l	96
65) Chlorobenzene	9.12	112	96001	19.271	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	33454	19.660	ug/l	99
67) Ethyl Benzene	9.25	91	178389	19.454	ug/l	100
68) m/p-Xylenes	9.38	106	129178	38.825	ug/l	98
69) o-Xylene	9.78	106	64470	19.189	ug/l	98
70) Styrene	9.79	104	104537	19.473	ug/l	99
71) Bromoform	9.96	173	27635	19.379	ug/l #	99
73) Isopropylbenzene	10.17	105	170913	20.183	ug/l	99
74) N-amyl acetate	10.01	43	107608	21.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	70303	20.582	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	62777m	20.996	ug/l	
77) Bromobenzene	10.45	156	38923	20.046	ug/l	97
78) n-propylbenzene	10.59	91	203853	20.112	ug/l	100
79) 2-Chlorotoluene	10.66	91	121118	19.935	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	142432	20.305	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	19652m	16.588	ug/l	
82) 4-Chlorotoluene	10.77	91	138815	20.125	ug/l	98
83) tert-Butylbenzene	11.10	119	136630	19.483	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	143252	20.280	ug/l	99
85) sec-Butylbenzene	11.32	105	175086	20.529	ug/l	99
86) p-Isopropyltoluene	11.48	119	144965	20.332	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	71332	19.887	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	71346	19.406	ug/l	99
89) n-Butylbenzene	11.89	91	129939	19.177	ug/l	99
90) Hexachloroethane	12.14	117	25936	20.432	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	72048	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	14750	20.494	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	42667	17.320	ug/l	98
94) Hexachlorobutadiene	13.69	225	22960	20.028	ug/l	97
95) Naphthalene	13.74	128	156384	17.323	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	46390	19.166	ug/l	96

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

