

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029174.D
 Acq On : 15 Jan 2019 10:41
 Operator : JC/SP
 Sample : VU0115WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:41:54 AM

Quant Time: Jan 16 05:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	115056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	187814	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	75316	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	4.88	113	64869	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	7.56	98	244953	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	10.30	95	85113	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	21475	18.821	ug/l	97
3) Chloromethane	1.33	50	33202	17.781	ug/l	98
4) Vinyl Chloride	1.40	62	33896	20.158	ug/l	99
5) Bromomethane	1.62	94	18292	19.294	ug/l	97
6) Chloroethane	1.69	64	19753	19.722	ug/l	96
7) Trichlorofluoromethane	1.88	101	36559	19.953	ug/l	100
8) Diethyl Ether	2.10	74	17562	19.951	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	23679	19.315	ug/l	98
10) Methyl Iodide	2.41	142	23804	20.650	ug/l	99
11) Tert butyl alcohol	2.83	59	39109	108.176	ug/l	100
12) 1,1-Dichloroethene	2.28	96	23003	19.277	ug/l	98
13) Acrolein	2.19	56	23435	86.326	ug/l	97
14) Allyl chloride	2.59	41	39892	18.220	ug/l	88
15) Acrylonitrile	2.93	53	97468	109.890	ug/l	100
16) Acetone	2.32	43	96068	107.218	ug/l	100
17) Carbon Disulfide	2.48	76	74444	18.488	ug/l	99
18) Methyl Acetate	2.61	43	49001	23.520	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	86235	20.555	ug/l	99
20) Methylene Chloride	2.70	84	29455	19.362	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	26873	19.383	ug/l	98
22) Diisopropyl ether	3.57	45	91061	21.044	ug/l	97
23) Vinyl Acetate	3.52	43	366872	103.708	ug/l	100
24) 1,1-Dichloroethane	3.44	63	52538	21.032	ug/l	99
25) 2-Butanone	4.26	43	134739	111.338	ug/l	99
26) 2,2-Dichloropropane	4.22	77	43079	21.343	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	31451	20.742	ug/l	99
28) Bromochloromethane	4.55	49	22576	21.106	ug/l	99
29) Tetrahydrofuran	4.64	42	82726	112.706	ug/l	97
30) Chloroform	4.67	83	50239	21.115	ug/l	98
31) Cyclohexane	4.99	56	47410	19.419	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	41926	21.326	ug/l	99
36) 1,1-Dichloropropene	5.13	75	37646	20.053	ug/l	99
37) Ethyl Acetate	4.38	43	44414	21.554	ug/l	98
38) Carbon Tetrachloride	5.13	117	33809	21.593	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	43923	19.032	ug/l	98
40) Benzene	5.39	78	122731	20.959	ug/l	97
41) Methacrylonitrile	4.54	41	24949	22.619	ug/l	98
42) 1,2-Dichloroethane	5.40	62	38329	21.783	ug/l	98
43) Isopropyl Acetate	5.55	43	69066	21.850	ug/l	99
44) Trichloroethene	6.18	130	29572	20.382	ug/l	98
45) 1,2-Dichloropropane	6.43	63	33139	21.430	ug/l	99
46) Dibromomethane	6.56	93	20644	20.883	ug/l	99
47) Bromodichloromethane	6.76	83	38425	21.112	ug/l	99
48) Methyl methacrylate	6.62	41	33619	21.842	ug/l	99
49) 1,4-Dioxane	6.61	88	16799	460.551	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	234727	109.113	ug/l	99
52) Toluene	7.64	92	73296	20.561	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	43998	20.123	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	49379	20.901	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	31062	21.750	ug/l	99
56) Ethyl methacrylate	8.02	69	44253	20.113	ug/l	97
57) 1,3-Dichloropropane	8.24	76	52417	21.450	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.12	63	89612	92.613	ug/l	100
59) 2-Hexanone	8.36	43	184472	109.243	ug/l	99
60) Dibromochloromethane	8.47	129	30136	21.300	ug/l	100
61) 1,2-Dibromoethane	8.58	107	32897	21.239	ug/l	98
64) Tetrachloroethene	8.22	164	25747	20.477	ug/l	96
65) Chlorobenzene	9.12	112	79144	20.228	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26774	21.086	ug/l	98
67) Ethyl Benzene	9.25	91	132742	20.321	ug/l	99
68) m/p-Xylenes	9.37	106	102855	40.524	ug/l	100
69) o-Xylene	9.78	106	49673	20.311	ug/l	98
70) Styrene	9.79	104	80922	20.184	ug/l	99
71) Bromoform	9.95	173	23346	20.649	ug/l #	100
73) Isopropylbenzene	10.16	105	132079	21.040	ug/l	100
74) N-amyl acetate	10.01	43	55871	20.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.45	83	52948	21.045	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	46208m	22.237	ug/l	
77) Bromobenzene	10.45	156	33309	20.361	ug/l	99
78) n-propylbenzene	10.58	91	154886	20.936	ug/l	100
79) 2-Chlorotoluene	10.66	91	94178	20.986	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	110732	21.123	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.51	75	14422m	17.899	ug/l	
82) 4-Chlorotoluene	10.77	91	104596	20.326	ug/l	99
83) tert-Butylbenzene	11.10	119	105853	20.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.14	105	111637	21.330	ug/l	98
85) sec-Butylbenzene	11.32	105	132659	21.230	ug/l	100
86) p-Isopropyltoluene	11.47	119	112185	21.069	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	60600	20.196	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	59740	19.288	ug/l	98
89) n-Butylbenzene	11.89	91	100341	21.113	ug/l	99
90) Hexachloroethane	12.14	117	17982	20.074	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	60053	19.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10277	21.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	36754	19.050	ug/l	99
94) Hexachlorobutadiene	13.69	225	18746	21.243	ug/l	99
95) Naphthalene	13.74	128	117337	17.878	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	37781	19.503	ug/l	98

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

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