

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027067.D
 Acq On : 23 Sep 2018 13:23
 Operator : MD/SY
 Sample : VU0923WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 109 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0923WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:37 PM

Quant Time: Sep 24 08:07:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	91437	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	4.88	113	63648	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	7.57	98	249561	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	10.31	95	86021	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20055	18.165	ug/l	98
3) Chloromethane	1.33	50	34193	17.963	ug/l	99
4) Vinyl Chloride	1.40	62	32340	18.201	ug/l	99
5) Bromomethane	1.62	94	16851	16.654	ug/l	97
6) Chloroethane	1.70	64	21971	19.353	ug/l	99
7) Trichlorofluoromethane	1.88	101	37449	18.557	ug/l	98
8) Diethyl Ether	2.10	74	18550	19.097	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22615	18.226	ug/l	99
10) Methyl Iodide	2.41	142	18074	11.745	ug/l	99
11) Tert butyl alcohol	2.82	59	38761	99.364	ug/l	99
12) 1,1-Dichloroethene	2.28	96	21521	18.427	ug/l	98
13) Acrolein	2.19	56	19830	94.301	ug/l	98
14) Allyl chloride	2.59	41	49317	20.820	ug/l	95
15) Acrylonitrile	2.93	53	98410	100.094	ug/l	99
16) Acetone	2.32	43	99068	99.603	ug/l	99
17) Carbon Disulfide	2.48	76	70479	18.525	ug/l	99
18) Methyl Acetate	2.61	43	51258	21.160	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	87095	20.294	ug/l	100
20) Methylene Chloride	2.70	84	28094	18.432	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	24126	19.348	ug/l	95
22) Diisopropyl ether	3.57	45	109726	21.657	ug/l	97
23) Vinyl Acetate	3.52	43	461487	106.853	ug/l	99
24) 1,1-Dichloroethane	3.45	63	55652	19.943	ug/l	100
25) 2-Butanone	4.26	43	143402	100.263	ug/l	98
26) 2,2-Dichloropropane	4.23	77	44021	20.228	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	28179	20.011	ug/l	98
28) Bromochloromethane	4.55	49	31745	23.600	ug/l	95
29) Tetrahydrofuran	4.64	42	91198	105.405	ug/l	97
30) Chloroform	4.67	83	50402	19.458	ug/l	99
31) Cyclohexane	5.00	56	51543	19.974	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	41306	19.973	ug/l	100
36) 1,1-Dichloropropene	5.14	75	37845	19.609	ug/l	97
37) Ethyl Acetate	4.38	43	51557	19.733	ug/l	98
38) Carbon Tetrachloride	5.13	117	34185	18.613	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	41573	19.822	ug/l	95
40) Benzene	5.39	78	113415	19.331	ug/l	98
41) Methacrylonitrile	4.54	41	28642	21.109	ug/l	98
42) 1,2-Dichloroethane	5.40	62	44206	19.942	ug/l	99
43) Isopropyl Acetate	5.55	43	78665	20.645	ug/l	98
44) Trichloroethene	6.19	130	24207	19.380	ug/l	96
45) 1,2-Dichloropropane	6.43	63	33799	20.218	ug/l	96
46) Dibromomethane	6.56	93	19559	19.372	ug/l	96
47) Bromodichloromethane	6.76	83	39043	19.124	ug/l	99
48) Methyl methacrylate	6.62	41	39108	19.488	ug/l	97
49) 1,4-Dioxane	6.61	88	14168	342.864	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	265940	103.775	ug/l	99
52) Toluene	7.64	92	66864	19.882	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	45004	20.517	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	48021	19.911	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27318	19.170	ug/l	99
56) Ethyl methacrylate	8.02	69	43940	19.185	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52923	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	135515	99.559	ug/l	98
59) 2-Hexanone	8.36	43	204307	101.849	ug/l	99
60) Dibromochloromethane	8.48	129	26801	19.174	ug/l	97
61) 1,2-Dibromoethane	8.59	107	27880	18.804	ug/l	98
64) Tetrachloroethene	8.23	164	20393	19.065	ug/l	96
65) Chlorobenzene	9.12	112	69809	18.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	24590	19.397	ug/l	100
67) Ethyl Benzene	9.25	91	121081	20.006	ug/l	100
68) m/p-Xylenes	9.38	106	90887	38.024	ug/l	99
69) o-Xylene	9.78	106	44328	20.671	ug/l	100
70) Styrene	9.79	104	71630	19.052	ug/l	100
71) Bromoform	9.96	173	19015	19.396	ug/l #	97
73) Isopropylbenzene	10.17	105	118509	21.745	ug/l	99
74) N-amyl acetate	10.02	43	66721	21.150	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	48912	19.520	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	40987m	18.831	ug/l	
77) Bromobenzene	10.45	156	26507	19.903	ug/l	94
78) n-propylbenzene	10.59	91	140503	21.788	ug/l	99
79) 2-Chlorotoluene	10.66	91	87441	21.587	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	99292	22.070	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	13754m	20.222	ug/l	
82) 4-Chlorotoluene	10.77	91	97870	21.549	ug/l	99
83) tert-Butylbenzene	11.10	119	92303	20.752	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	100851	22.027	ug/l	98
85) sec-Butylbenzene	11.32	105	116978	21.545	ug/l	99
86) p-Isopropyltoluene	11.48	119	97417	19.694	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	49243	19.869	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	50042	18.526	ug/l	98
89) n-Butylbenzene	11.89	91	86659	19.100	ug/l	99
90) Hexachloroethane	12.15	117	19231	19.478	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49900	18.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10437	20.417	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29376	19.363	ug/l	98
94) Hexachlorobutadiene	13.69	225	14955	18.630	ug/l	99
95) Naphthalene	13.74	128	104674	18.740	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31835	19.568	ug/l	100

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

