

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027082.D
 Acq On : 23 Sep 2018 19:10
 Operator : MD/SY
 Sample : J4958-20MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 126 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-SW4002-20180915MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 08:56:50 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	4.99	168	78487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	136849	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	84466	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	4.88	113	59251	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	7.57	98	229635	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	10.31	95	79823	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	46699	45.571	ug/l	99
3) Chloromethane	1.33	50	83612	47.325	ug/l	99
4) Vinyl Chloride	1.40	62	78385	47.529	ug/l	99
5) Bromomethane	1.62	94	40555	43.182	ug/l	98
6) Chloroethane	1.70	64	51714	49.076	ug/l	99
7) Trichlorofluoromethane	1.89	101	91021	48.594	ug/l	98
8) Diethyl Ether	2.10	74	45796	50.795	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51100	44.369	ug/l	98
10) Methyl Iodide	2.41	142	45420	31.798	ug/l	99
11) Tert butyl alcohol	2.82	59	96488	266.487	ug/l	99
12) 1,1-Dichloroethene	2.29	96	52572	48.497	ug/l	98
13) Acrolein	2.20	56	44489	227.936	ug/l	99
14) Allyl chloride	2.59	41	113295	51.529	ug/l	96
15) Acrylonitrile	2.94	53	246426	270.036	ug/l	100
16) Acetone	2.32	43	220312	263.446	ug/l	99
17) Carbon Disulfide	2.48	76	164349	46.540	ug/l	99
18) Methyl Acetate	2.61	43	103493	46.030	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	217644	54.636	ug/l	98
20) Methylene Chloride	2.70	84	68301	48.279	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	58662	50.685	ug/l	99
22) Diisopropyl ether	3.57	45	269590	57.326	ug/l	97
23) Vinyl Acetate	3.53	43	939014	234.244	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137330	53.021	ug/l	99
25) 2-Butanone	4.26	43	350363	263.918	ug/l	98
26) 2,2-Dichloropropane	4.23	77	64190	31.778	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	67770	51.849	ug/l	98
28) Bromochloromethane	4.55	49	72879	58.371	ug/l	93
29) Tetrahydrofuran	4.64	42	229515	285.795	ug/l	96
30) Chloroform	4.67	83	123763	51.478	ug/l	100
31) Cyclohexane	5.00	56	115413	49.008	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	100924	52.576	ug/l	98
36) 1,1-Dichloropropene	5.14	75	88771	48.604	ug/l	99
37) Ethyl Acetate	4.38	43	109837	44.424	ug/l	99
38) Carbon Tetrachloride	5.14	117	83635	48.120	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	90039	45.365	ug/l	98
40) Benzene	5.39	78	275069	49.542	ug/l	99
41) Methacrylonitrile	4.54	41	73071	56.906	ug/l	97
42) 1,2-Dichloroethane	5.40	62	107556	51.273	ug/l	99
43) Isopropyl Acetate	5.55	43	176964	49.078	ug/l	98
44) Trichloroethene	6.19	130	56638	47.916	ug/l	98
45) 1,2-Dichloropropane	6.43	63	83522	52.794	ug/l	98
46) Dibromomethane	6.56	93	48207	50.454	ug/l	98
47) Bromodichloromethane	6.76	83	95868	49.621	ug/l	97
48) Methyl methacrylate	6.62	41	99503	50.687	ug/l	99
49) 1,4-Dioxane	6.61	88	37531	962.868	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	678313	279.703	ug/l	99
52) Toluene	7.64	92	165121	51.883	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	102130	49.201	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	106999	46.881	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	67966	50.400	ug/l	99
56) Ethyl methacrylate	8.02	69	113909	48.740	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130883	52.183	ug/l	99
59) 2-Hexanone	8.36	43	515968	271.801	ug/l	99
60) Dibromochloromethane	8.48	129	68421	51.726	ug/l	99
61) 1,2-Dibromoethane	8.59	107	70550	50.282	ug/l	100
64) Tetrachloroethene	8.23	164	45878	43.699	ug/l	97
65) Chlorobenzene	9.12	112	169395	46.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	60337	48.491	ug/l	99
67) Ethyl Benzene	9.25	91	305306	51.395	ug/l	100
68) m/p-Xylenes	9.38	106	226435	94.210	ug/l	98
69) o-Xylene	9.78	106	110349	52.429	ug/l	97
70) Stvrene	9.79	104	182791	46.639	ug/l	99
71) Bromoform	9.96	173	48536	50.442	ug/l #	100
73) Isopropylbenzene	10.17	105	294082	52.336	ug/l	100
74) N-amyl acetate	10.01	43	146241	44.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	120545	46.659	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	102660m	45.746	ug/l	
77) Bromobenzene	10.45	156	66938	48.748	ug/l	95
78) n-propylbenzene	10.59	91	350396	52.701	ug/l	100
79) 2-Chlorotoluene	10.66	91	210798	50.475	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245192	52.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	34853m	49.701	ug/l	
82) 4-Chlorotoluene	10.77	91	241553	51.583	ug/l	98
83) tert-Butylbenzene	11.10	119	235046	51.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252445	53.478	ug/l	99
85) sec-Butylbenzene	11.32	105	291034	51.989	ug/l	99
86) p-Isopropyltoluene	11.48	119	243997	46.517	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	120527	47.168	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	123054	44.186	ug/l	99
89) n-Butylbenzene	11.89	91	217834	43.126	ug/l	99
90) Hexachloroethane	12.15	117	47107	46.275	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	123942	45.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27101	51.420	ug/l	96
93) 1,2,4-Trichlorobenzene	13.50	180	75908	48.530	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	34669	41.890	ug/l	98
95) Naphthalene	13.74	128	285931	46.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	82493	49.179	ug/l	99

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

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