

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028395.D
 Acq On : 29 Nov 2018 15:47
 Operator : MD/SY
 Sample : VU1129WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1129WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:25:55 AM

Quant Time: Nov 30 07:41:03 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	244854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	445748	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	418312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	205446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	214170	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	4.88	113	148064	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	7.57	98	601697	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	10.30	95	222236	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	66222	20.161	ug/l	99
3) Chloromethane	1.33	50	120379	18.907	ug/l	100
4) Vinyl Chloride	1.40	62	91050	20.440	ug/l	99
5) Bromomethane	1.63	94	30088	17.464	ug/l	99
6) Chloroethane	1.70	64	51653	20.151	ug/l	94
7) Trichlorofluoromethane	1.89	101	95155	20.565	ug/l	99
8) Diethyl Ether	2.10	74	42501	19.759	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	57067	21.172	ug/l	99
10) Methyl Iodide	2.41	142	48540	19.097	ug/l	98
11) Tert butyl alcohol	2.82	59	84027	90.385	ug/l	99
12) 1,1-Dichloroethene	2.29	96	54436	20.811	ug/l	95
13) Acrolein	2.20	56	71132	86.066	ug/l	98
14) Allyl chloride	2.59	41	130327	19.070	ug/l	99
15) Acrylonitrile	2.94	53	255050	103.716	ug/l	98
16) Acetone	2.32	43	208153	83.153	ug/l	99
17) Carbon Disulfide	2.48	76	190099	18.934	ug/l	99
18) Methyl Acetate	2.62	43	137873	19.782	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	218873	20.409	ug/l	100
20) Methylene Chloride	2.70	84	70247	19.851	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	62295	20.535	ug/l	99
22) Diisopropyl ether	3.57	45	275660	20.487	ug/l	95
23) Vinyl Acetate	3.53	43	1134633	101.450	ug/l	100
24) 1,1-Dichloroethane	3.45	63	137487	20.725	ug/l	100
25) 2-Butanone	4.26	43	341336	95.144	ug/l	99
26) 2,2-Dichloropropane	4.23	77	97525	18.511	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	72451	20.194	ug/l	97
28) Bromochloromethane	4.55	49	70233	21.173	ug/l	98
29) Tetrahydrofuran	4.64	42	239097	102.648	ug/l	98
30) Chloroform	4.67	83	123730	20.207	ug/l	99
31) Cyclohexane	5.00	56	140757	20.441	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	99531	20.257	ug/l	98
36) 1,1-Dichloropropene	5.14	75	95214	19.520	ug/l	99
37) Ethyl Acetate	4.38	43	132861	19.987	ug/l	99
38) Carbon Tetrachloride	5.13	117	78617	19.627	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	112089	19.491	ug/l	97
40) Benzene	5.39	78	290526	20.110	ug/l	97
41) Methacrylonitrile	4.54	41	73913	20.022	ug/l	97
42) 1,2-Dichloroethane	5.40	62	104159	20.014	ug/l	99
43) Isopropyl Acetate	5.55	43	213047	20.225	ug/l	99
44) Trichloroethene	6.19	130	60645	19.584	ug/l	99
45) 1,2-Dichloropropane	6.43	63	84163	19.894	ug/l	99
46) Dibromomethane	6.56	93	48301	19.876	ug/l	99
47) Bromodichloromethane	6.76	83	95482	19.754	ug/l	93
48) Methyl methacrylate	6.62	41	106000	19.318	ug/l	100
49) 1,4-Dioxane	6.61	88	29033	331.216	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	661587	98.338	ug/l	99
52) Toluene	7.64	92	169518	20.377	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	110665	19.147	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	119168	19.246	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	66782	19.288	ug/l	98
56) Ethyl methacrylate	8.02	69	115874	19.672	ug/l	98
57) 1,3-Dichloropropane	8.24	76	126365	19.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	299071	94.573	ug/l	100
59) 2-Hexanone	8.36	43	498056	95.573	ug/l	99
60) Dibromochloromethane	8.48	129	63617	19.320	ug/l	98
61) 1,2-Dibromoethane	8.58	107	71625	20.198	ug/l	100
64) Tetrachloroethene	8.23	164	52936	19.238	ug/l	98
65) Chlorobenzene	9.12	112	170370	19.614	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	57943	19.462	ug/l	98
67) Ethyl Benzene	9.25	91	321343	19.643	ug/l	100
68) m/p-Xylenes	9.37	106	229676	39.006	ug/l	98
69) o-Xylene	9.78	106	112274	19.181	ug/l	99
70) Styrene	9.79	104	186861	19.794	ug/l	99
71) Bromoform	9.96	173	45597	18.220	ug/l #	95
73) Isopropylbenzene	10.17	105	302928	18.958	ug/l	98
74) N-amyl acetate	10.01	43	178885	17.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	119834	18.237	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	104587m	18.358	ug/l	
77) Bromobenzene	10.45	156	68061	18.077	ug/l	96
78) n-propylbenzene	10.58	91	377230	19.137	ug/l	99
79) 2-Chlorotoluene	10.66	91	220941	19.014	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	250377	18.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	36960m	17.221	ug/l	
82) 4-Chlorotoluene	10.77	91	252005	18.823	ug/l	99
83) tert-Butylbenzene	11.10	119	235397	18.754	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	258826	18.978	ug/l	100
85) sec-Butylbenzene	11.32	105	306737	18.814	ug/l	100
86) p-Isopropyltoluene	11.47	119	254066	18.952	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	125703	18.305	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	129699	18.767	ug/l	99
89) n-Butylbenzene	11.89	91	256421	19.381	ug/l	100
90) Hexachloroethane	12.14	117	37918	18.118	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	126582	18.476	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	24805	16.971	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	85499	19.065	ug/l	99
94) Hexachlorobutadiene	13.69	225	39368	18.591	ug/l	97
95) Naphthalene	13.74	128	300504	19.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	87040	19.190	ug/l	99

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

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