

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027414.D
 Acq On : 04 Oct 2018 17:40
 Operator : MD/SY
 Sample : VU1004WBS03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:35 PM

Quant Time: Oct 05 05:07:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	139784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	238880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	221900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	101175	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	
35) Dibromofluoromethane	4.88	113	75455	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	7.57	98	288582	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	10.31	95	107009	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	38439	19.074	ug/l	99
3) Chloromethane	1.33	50	46858	17.174	ug/l	98
4) Vinyl Chloride	1.40	62	47235	18.417	ug/l	98
5) Bromomethane	1.63	94	24273	21.872	ug/l	99
6) Chloroethane	1.70	64	27316	17.724	ug/l	97
7) Trichlorofluoromethane	1.89	101	47878	18.398	ug/l	100
8) Diethyl Ether	2.11	74	21931	18.295	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	27537	18.221	ug/l	96
10) Methyl Iodide	2.41	142	24037	23.477	ug/l	97
11) Tert butyl alcohol	2.83	59	44996	91.542	ug/l	98
12) 1,1-Dichloroethene	2.29	96	27075	18.337	ug/l	95
13) Acrolein	2.20	56	16503	40.012	ug/l	99
14) Allyl chloride	2.59	41	61421	17.517	ug/l	97
15) Acrylonitrile	2.94	53	122169	95.495	ug/l	99
16) Acetone	2.32	43	100101	72.594	ug/l	100
17) Carbon Disulfide	2.48	76	91636	17.208	ug/l	99
18) Methyl Acetate	2.62	43	62384	19.832	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	114778	19.400	ug/l	99
20) Methylene Chloride	2.70	84	36237	18.866	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	31402	18.943	ug/l	98
22) Diisopropyl ether	3.58	45	137307	19.267	ug/l	95
23) Vinyl Acetate	3.53	43	571347	91.802	ug/l	99
24) 1,1-Dichloroethane	3.45	63	71027	19.387	ug/l	98
25) 2-Butanone	4.27	43	167605	89.134	ug/l	98
26) 2,2-Dichloropropane	4.23	77	47978	15.938	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	36488	19.247	ug/l	96
28) Bromochloromethane	4.55	49	34879	19.733	ug/l	96
29) Tetrahydrofuran	4.64	42	113034	95.384	ug/l	97
30) Chloroform	4.67	83	62933	19.334	ug/l	100
31) Cyclohexane	5.00	56	67587	17.901	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	51681	18.852	ug/l	99
36) 1,1-Dichloropropene	5.14	75	48196	18.582	ug/l	99
37) Ethyl Acetate	4.39	43	63061	18.812	ug/l	98
38) Carbon Tetrachloride	5.13	117	43840	18.712	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	54396	17.941	ug/l	98
40) Benzene	5.39	78	145209	19.220	ug/l	97
41) Methacrylonitrile	4.55	41	35362	18.664	ug/l	97
42) 1,2-Dichloroethane	5.41	62	52425	18.694	ug/l	100
43) Isopropyl Acetate	5.55	43	100910	19.383	ug/l	99
44) Trichloroethene	6.19	130	33002	19.590	ug/l	98
45) 1,2-Dichloropropane	6.43	63	41739	19.154	ug/l	99
46) Dibromomethane	6.56	93	23891	19.412	ug/l	98
47) Bromodichloromethane	6.76	83	47690	18.674	ug/l	100
48) Methyl methacrylate	6.62	41	48836	18.863	ug/l	97
49) 1,4-Dioxane	6.62	88	16055	360.422	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	322256	95.257	ug/l	99
52) Toluene	7.64	92	86713	19.391	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	56174	18.760	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	60269	18.723	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	34717	19.581	ug/l	97
56) Ethyl methacrylate	8.02	69	57120	18.331	ug/l	98
57) 1,3-Dichloropropane	8.24	76	66041	19.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	158052	90.206	ug/l	99
59) 2-Hexanone	8.36	43	245168	93.423	ug/l	99
60) Dibromochloromethane	8.48	129	34522	19.414	ug/l	98
61) 1,2-Dibromoethane	8.59	107	36401	19.310	ug/l	99
64) Tetrachloroethene	8.23	164	28021	20.285	ug/l	99
65) Chlorobenzene	9.12	112	91510	19.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	31817	19.732	ug/l	98
67) Ethyl Benzene	9.25	91	159631	19.290	ug/l	98
68) m/p-Xylenes	9.38	106	120941	39.954	ug/l	99
69) o-Xylene	9.78	106	57087	19.846	ug/l	98
70) Styrene	9.79	104	96057	19.342	ug/l	99
71) Bromoform	9.96	173	24888	19.184	ug/l #	100
73) Isopropylbenzene	10.17	105	156448	19.406	ug/l	99
74) N-amyl acetate	10.02	43	84407	18.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	58210	18.389	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	53562m	18.615	ug/l	
77) Bromobenzene	10.45	156	37190	19.850	ug/l	96
78) n-propylbenzene	10.59	91	192030	19.823	ug/l	100
79) 2-Chlorotoluene	10.66	91	113520	19.408	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	130307	19.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	56676m	51.550	ug/l	
82) 4-Chlorotoluene	10.77	91	130158	19.609	ug/l	98
83) tert-Butylbenzene	11.10	119	123637	19.485	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	135432	20.200	ug/l	100
85) sec-Butylbenzene	11.32	105	158328	19.804	ug/l	100
86) p-Isopropyltoluene	11.48	119	137214	20.046	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	70026	19.738	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	71272	19.660	ug/l	98
89) n-Butylbenzene	11.89	91	132797	19.518	ug/l	99
90) Hexachloroethane	12.15	117	23317	18.072	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	68760	19.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12610	17.974	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	48978	21.919	ug/l	100
94) Hexachlorobutadiene	13.69	225	22334	19.783	ug/l	98
95) Naphthalene	13.74	128	155617	19.588	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	50582	21.728	ug/l	100

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

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