

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028501.D
 Acq On : 06 Dec 2018 15:26
 Operator : MD/SY
 Sample : VU1206WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1206WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:35:15 AM

Quant Time: Dec 07 06:30:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	197575	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	88679	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	4.88	113	63906	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	7.57	98	257548	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	10.30	95	94362	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	29904	20.076	ug/l	98
3) Chloromethane	1.33	50	52566	19.196	ug/l	99
4) Vinyl Chloride	1.40	62	39299	19.886	ug/l	100
5) Bromomethane	1.63	94	14632	18.380	ug/l	99
6) Chloroethane	1.70	64	23381	20.898	ug/l	99
7) Trichlorofluoromethane	1.89	101	41024	19.731	ug/l	96
8) Diethyl Ether	2.10	74	18944	19.474	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25610	20.595	ug/l	100
10) Methyl Iodide	2.41	142	20722	21.237	ug/l	100
11) Tert butyl alcohol	2.82	59	39462	104.442	ug/l	100
12) 1,1-Dichloroethene	2.29	96	24366	19.693	ug/l	96
13) Acrolein	2.20	56	29601	98.274	ug/l	98
14) Allyl chloride	2.59	41	54952	18.774	ug/l	100
15) Acrylonitrile	2.94	53	104631	99.744	ug/l	100
16) Acetone	2.32	43	104392	94.332	ug/l	98
17) Carbon Disulfide	2.48	76	85778	19.244	ug/l	99
18) Methyl Acetate	2.62	43	56912	19.839	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	94570	20.162	ug/l	99
20) Methylene Chloride	2.70	84	30477	18.682	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	27491	19.734	ug/l	98
22) Diisopropyl ether	3.57	45	113756	19.985	ug/l	98
23) Vinyl Acetate	3.52	43	472385	100.614	ug/l	100
24) 1,1-Dichloroethane	3.45	63	57323	19.239	ug/l	100
25) 2-Butanone	4.26	43	150856	99.750	ug/l	100
26) 2,2-Dichloropropane	4.23	77	45579	19.306	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	31087	19.716	ug/l	99
28) Bromochloromethane	4.55	49	28841	21.293	ug/l	99
29) Tetrahydrofuran	4.64	42	98809	101.730	ug/l	99
30) Chloroform	4.67	83	52809	20.336	ug/l	95
31) Cyclohexane	5.00	56	59781	19.838	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	42724	19.809	ug/l	98
36) 1,1-Dichloropropene	5.14	75	41647	19.263	ug/l	99
37) Ethyl Acetate	4.38	43	56120	20.080	ug/l	98
38) Carbon Tetrachloride	5.13	117	33525	19.238	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	50284	19.064	ug/l	97
40) Benzene	5.39	78	123475	19.391	ug/l	96
41) Methacrylonitrile	4.54	41	30594	19.988	ug/l	99
42) 1,2-Dichloroethane	5.40	62	42862	19.230	ug/l	100
43) Isopropyl Acetate	5.55	43	87234	19.733	ug/l	99
44) Trichloroethene	6.19	130	27730	19.586	ug/l	99
45) 1,2-Dichloropropane	6.43	63	35253	19.687	ug/l	99
46) Dibromomethane	6.56	93	20830	19.606	ug/l	100
47) Bromodichloromethane	6.76	83	41064	19.862	ug/l	96
48) Methyl methacrylate	6.62	41	43998	20.014	ug/l	99
49) 1,4-Dioxane	6.61	88	14165	408.072	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	272451	97.717	ug/l	99
52) Toluene	7.64	92	73231	19.541	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	47009	19.092	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	51787	19.386	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	28739	19.400	ug/l	93
56) Ethyl methacrylate	8.02	69	49675	19.582	ug/l	99
57) 1,3-Dichloropropane	8.24	76	52839	19.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	124167	95.562	ug/l	100
59) 2-Hexanone	8.36	43	210721	95.353	ug/l	99
60) Dibromochloromethane	8.48	129	27945	19.268	ug/l	97
61) 1,2-Dibromoethane	8.58	107	30448	19.600	ug/l	97
64) Tetrachloroethene	8.23	164	23440	19.181	ug/l	97
65) Chlorobenzene	9.12	112	75262	19.278	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	24789	19.884	ug/l	99
67) Ethyl Benzene	9.25	91	138214	19.258	ug/l	98
68) m/p-Xylenes	9.37	106	100092	38.328	ug/l	97
69) o-Xylene	9.78	106	49222	19.395	ug/l	99
70) Styrene	9.79	104	79863	19.015	ug/l	99
71) Bromoform	9.96	173	20371	19.208	ug/l #	98
73) Isopropylbenzene	10.16	105	130431	19.011	ug/l	100
74) N-amyl acetate	10.01	43	73532	18.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51434	19.515	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	41305m	18.091	ug/l	
77) Bromobenzene	10.45	156	30744	19.160	ug/l	100
78) n-propylbenzene	10.58	91	159796	18.744	ug/l	100
79) 2-Chlorotoluene	10.66	91	93451	19.030	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	109030	19.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	18950m	20.717	ug/l	
82) 4-Chlorotoluene	10.77	91	106781	18.349	ug/l	98
83) tert-Butylbenzene	11.10	119	103916	18.984	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	111462	19.044	ug/l	99
85) sec-Butylbenzene	11.32	105	133444	18.976	ug/l	100
86) p-Isopropyltoluene	11.48	119	110834	18.554	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	56411	18.618	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	55593	17.734	ug/l	98
89) n-Butylbenzene	11.89	91	108280	17.910	ug/l	100
90) Hexachloroethane	12.14	117	16337	18.094	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	53923	17.792	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10751	18.842	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	36898	18.262	ug/l	99
94) Hexachlorobutadiene	13.69	225	17585	17.713	ug/l	98
95) Naphthalene	13.74	128	127604	17.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	37784	18.322	ug/l	98

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

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