

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024761.D
 Acq On : 20 Jun 2018 16:36
 Operator : MD/SY
 Sample : VU0620WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0620WBSD01

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:41 PM

Quant Time: Jun 20 17:55:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	270330	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	115690	40.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.64%	
35) Dibromofluoromethane	4.89	113	95562	42.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.18%	
50) Toluene-d8	7.57	98	347759	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
62) 4-Bromofluorobenzene	10.31	95	131629	40.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41266	18.76	ug/l	98
3) Chloromethane	1.33	50	46635	20.75	ug/l	99
4) Vinyl Chloride	1.40	62	47879	20.66	ug/l	100
5) Bromomethane	1.62	94	27010	24.11	ug/l	94
6) Chloroethane	1.70	64	30522	23.00	ug/l	98
7) Trichlorofluoromethane	1.89	101	74795	21.15	ug/l	97
8) Diethyl Ether	2.10	74	27635	21.90	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42414	19.33	ug/l	98
10) Methyl Iodide	2.41	142	35734	22.49	ug/l	99
11) Tert butyl alcohol	2.82	59	61897	88.70	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39023	19.50	ug/l	93
13) Acrolein	2.19	56	32195	87.86	ug/l	97
14) Allyl chloride	2.59	41	67931	18.28	ug/l	93
15) Acrylonitrile	2.93	53	144277	106.27	ug/l	99
16) Acetone	2.32	43	138025	89.53	ug/l	98
17) Carbon Disulfide	2.48	76	114298	17.84	ug/l	99
18) Methyl Acetate	2.62	43	71638	21.68	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	147340	19.59	ug/l	96
20) Methylene Chloride	2.70	84	47672	19.71	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	42689	19.37	ug/l	95
22) Diisopropyl ether	3.57	45	148720	20.19	ug/l	96
23) Vinyl Acetate	3.53	43	654959	99.26	ug/l	100
24) 1,1-Dichloroethane	3.45	63	83465	19.70	ug/l	98
25) 2-Butanone	4.26	43	210298	101.56	ug/l	95
26) 2,2-Dichloropropane	4.23	77	73072	18.16	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50794	20.05	ug/l	96
28) Bromochloromethane	4.55	49	36363	19.48	ug/l	90
29) Tetrahydrofuran	4.64	42	129835	101.25	ug/l	96
30) Chloroform	4.68	83	84942	19.81	ug/l	95
31) Cyclohexane	5.00	56	77328	19.34	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	74988	18.91	ug/l	96
36) 1,1-Dichloropropene	5.14	75	59400	18.70	ug/l	95
37) Ethyl Acetate	4.38	43	76970	22.23	ug/l	97
38) Carbon Tetrachloride	5.14	117	66719	19.10	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77204	19.48	ug/l	93
40) Benzene	5.39	78	184996	20.44	ug/l	100
41) Methacrylonitrile	4.55	41	40488	21.69	ug/l	95
42) 1,2-Dichloroethane	5.41	62	67515	19.58	ug/l	99
43) Isopropyl Acetate	5.55	43	119927	20.04	ug/l	97
44) Trichloroethene	6.19	130	50584	19.64	ug/l	92
45) 1,2-Dichloropropane	6.44	63	49883	20.65	ug/l	94
46) Dibromomethane	6.56	93	35208	20.75	ug/l	94
47) Bromodichloromethane	6.76	83	66023	19.54	ug/l	98
48) Methyl methacrylate	6.63	41	59113	20.28	ug/l	98
49) 1,4-Dioxane	6.62	88	25576	448.78	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	395987	105.32	ug/l	98
52) Toluene	7.64	92	117815	20.23	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71307	18.80	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	76785	19.00	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	49400	20.87	ug/l	99
56) Ethyl methacrylate	8.02	69	80608	20.35	ug/l	98
57) 1,3-Dichloropropane	8.25	76	81041	20.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	136282	89.79	ug/l	96
59) 2-Hexanone	8.36	43	315097	102.65	ug/l	100
60) Dibromochloromethane	8.48	129	54545	18.48	ug/l	99
61) 1,2-Dibromoethane	8.59	107	53418	20.27	ug/l	99
64) Tetrachloroethene	8.23	164	43791	18.45	ug/l	97
65) Chlorobenzene	9.12	112	131028	20.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	50295	20.76	ug/l	98
67) Ethyl Benzene	9.25	91	228563	20.44	ug/l	99
68) m/p-Xylenes	9.38	106	176758	41.17	ug/l	96
69) o-Xylene	9.78	106	90194	21.23	ug/l	93
70) Styrene	9.80	104	140815	20.17	ug/l	99
71) Bromoform	9.96	173	42981	18.66	ug/l #	98
73) Isopropylbenzene	10.17	105	234205	21.17	ug/l	98
74) N-amyl acetate	10.01	43	110428	20.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82395	22.22	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	72981m	23.00	ug/l	
77) Bromobenzene	10.45	156	57955	20.69	ug/l	96
78) n-propylbenzene	10.59	91	261781	20.09	ug/l	97
79) 2-Chlorotoluene	10.66	91	158565	20.63	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	199596	20.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	23942m	17.47	ug/l	
82) 4-Chlorotoluene	10.78	91	179102	20.02	ug/l	98
83) tert-Butylbenzene	11.10	119	200276	21.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	203914	20.87	ug/l	100
85) sec-Butylbenzene	11.33	105	238225	20.63	ug/l	96
86) p-Isopropyltoluene	11.48	119	208304	20.14	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	103854	20.07	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	107175	20.58	ug/l	99
89) n-Butylbenzene	11.89	91	172268	18.76	ug/l	98
90) Hexachloroethane	12.15	117	37984	18.83	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	110047	21.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20442	19.98	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	70356	21.98	ug/l	99
94) Hexachlorobutadiene	13.70	225	36026	20.00	ug/l	99
95) Naphthalene	13.74	128	242123	23.22	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	73678	23.10	ug/l	99

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

