

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024803.D
 Acq On : 21 Jun 2018 12:00
 Operator : MD/SY
 Sample : VU0621WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0621WBSD01

Manual Integrations
 APPROVED

apatel
 6/22/2018 4:02:00 PM

Quant Time: Jun 21 15:35:00 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	172947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	263981	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	128531	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	4.89	113	102361	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	7.57	98	367278	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	10.31	95	146923	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	38086	17.59	ug/l	100
3) Chloromethane	1.33	50	41280	18.67	ug/l	98
4) Vinyl Chloride	1.40	62	42992	18.85	ug/l	97
5) Bromomethane	1.63	94	28547	25.89	ug/l	100
6) Chloroethane	1.70	64	28086	21.44	ug/l	99
7) Trichlorofluoromethane	1.89	101	73284	21.05	ug/l	96
8) Diethyl Ether	2.10	74	27337	22.03	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41744	19.33	ug/l	95
10) Methyl Iodide	2.41	142	36608	23.20	ug/l	96
11) Tert butyl alcohol	2.82	59	60566	88.20	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38215	19.41	ug/l	92
13) Acrolein	2.19	56	57098	158.35	ug/l	100
14) Allyl chloride	2.60	41	66617	18.22	ug/l	96
15) Acrylonitrile	2.94	53	132510	99.18	ug/l	98
16) Acetone	2.32	43	138391	91.23	ug/l	98
17) Carbon Disulfide	2.48	76	113790	18.05	ug/l	100
18) Methyl Acetate	2.62	43	68837	21.17	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	149224	20.16	ug/l	98
20) Methylene Chloride	2.71	84	46717	19.63	ug/l	92
21) trans-1,2-Dichloroethene	2.99	96	41493	19.13	ug/l	96
22) Diisopropyl ether	3.57	45	148371	20.47	ug/l	94
23) Vinyl Acetate	3.53	43	646695	99.60	ug/l	99
24) 1,1-Dichloroethane	3.45	63	82780	19.85	ug/l	99
25) 2-Butanone	4.26	43	198083	97.21	ug/l	96
26) 2,2-Dichloropropane	4.23	77	76208	19.25	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50318	20.18	ug/l	98
28) Bromochloromethane	4.55	49	32256	17.56	ug/l	87
29) Tetrahydrofuran	4.63	42	119695	94.86	ug/l	96
30) Chloroform	4.68	83	87960	20.84	ug/l	97
31) Cyclohexane	5.00	56	79893	20.41	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	77155	19.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60325	19.45	ug/l	96
37) Ethyl Acetate	4.38	43	70780	20.93	ug/l	96
38) Carbon Tetrachloride	5.14	117	68883	20.19	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80533	20.80	ug/l	94
40) Benzene	5.39	78	183300	20.74	ug/l	98
41) Methacrylonitrile	4.54	41	39832	21.85	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72743	21.61	ug/l	99
43) Isopropyl Acetate	5.55	43	118208	20.23	ug/l	98
44) Trichloroethene	6.19	130	51653	20.53	ug/l	95
45) 1,2-Dichloropropane	6.44	63	49832	21.13	ug/l	98
46) Dibromomethane	6.56	93	36121	21.80	ug/l	95
47) Bromodichloromethane	6.76	83	67562	20.48	ug/l	97
48) Methyl methacrylate	6.62	41	61011	21.44	ug/l	98
49) 1,4-Dioxane	6.62	88	26489	475.98	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	374900	102.11	ug/l	98
52) Toluene	7.64	92	118771	20.89	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	75081	20.27	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	78242	19.82	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	48484	20.97	ug/l	98
56) Ethyl methacrylate	8.02	69	79528	20.56	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83443	21.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.13	63	127838	86.25	ug/l	95
59) 2-Hexanone	8.36	43	298483	99.58	ug/l	100
60) Dibromochloromethane	8.48	129	55737	19.34	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54638	21.24	ug/l	100
64) Tetrachloroethene	8.23	164	46292	19.98	ug/l	98
65) Chlorobenzene	9.12	112	135770	21.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50427	21.31	ug/l	98
67) Ethyl Benzene	9.25	91	234292	21.46	ug/l	99
68) m/p-Xylenes	9.38	106	183772	43.84	ug/l	95
69) o-Xylene	9.78	106	88457	21.32	ug/l	100
70) Styrene	9.80	104	145220	21.30	ug/l	99
71) Bromoform	9.96	173	43963	19.55	ug/l #	100
73) Isopropylbenzene	10.17	105	243212	21.69	ug/l	99
74) N-amyl acetate	10.01	43	107795	20.21	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79927	21.27	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	68556m	21.32	ug/l	
77) Bromobenzene	10.45	156	60020	21.14	ug/l	95
78) n-propylbenzene	10.59	91	273739	20.73	ug/l	97
79) 2-Chlorotoluene	10.66	91	164694	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207839	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25556m	18.40	ug/l	
82) 4-Chlorotoluene	10.78	91	190271	20.99	ug/l	100
83) tert-Butylbenzene	11.10	119	206352	22.07	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	210681	21.27	ug/l	98
85) sec-Butylbenzene	11.33	105	247810	21.18	ug/l	98
86) p-Isopropyltoluene	11.48	119	221073	21.10	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	110314	21.04	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	111688	21.16	ug/l	99
89) n-Butylbenzene	11.89	91	186415	20.04	ug/l	98
90) Hexachloroethane	12.15	117	39032	19.09	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	113643	21.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21655	20.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	77439	23.87	ug/l	100
94) Hexachlorobutadiene	13.70	225	40628	22.25	ug/l	99
95) Naphthalene	13.75	128	261185	24.67	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	83805	25.93	ug/l	100

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

