

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092018\
 Data File : VU026900.D
 Acq On : 19 Sep 2018 16:32
 Operator : MD/SY
 Sample : VU0920WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0920WBS01

Quant Time: Sep 20 05:33:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	103409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149039	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	142438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86748	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	75165	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	4.88	113	63762	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	7.57	98	231220	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	10.31	95	80988	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22546	20.180	ug/l	97
3) Chloromethane	1.33	50	27077	17.347	ug/l	99
4) Vinyl Chloride	1.40	62	28279	17.482	ug/l	99
5) Bromomethane	1.62	94	14668	14.478	ug/l	99
6) Chloroethane	1.69	64	18792	18.254	ug/l	96
7) Trichlorofluoromethane	1.88	101	37341	17.659	ug/l	99
8) Diethyl Ether	2.10	74	16279	17.568	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24352	19.391	ug/l	98
10) Methyl Iodide	2.41	142	10381	16.685	ug/l	99
11) Tert butyl alcohol	2.82	59	28658	74.951	ug/l	99
12) 1,1-Dichloroethene	2.28	96	22102	18.617	ug/l	99
13) Acrolein	2.19	56	23382	90.744	ug/l	98
14) Allyl chloride	2.59	41	38864	18.176	ug/l	95
15) Acrylonitrile	2.93	53	76847	93.717	ug/l	98
16) Acetone	2.32	43	80652	90.811	ug/l	97
17) Carbon Disulfide	2.48	76	67058	17.753	ug/l	98
18) Methyl Acetate	2.61	43	38694	20.192	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	77249	18.898	ug/l	99
20) Methylene Chloride	2.70	84	27429	19.040	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	24266	19.402	ug/l	97
22) Diisopropyl ether	3.57	45	85826	19.232	ug/l	98
23) Vinyl Acetate	3.52	43	349176	92.112	ug/l	98
24) 1,1-Dichloroethane	3.45	63	48474	19.256	ug/l	96
25) 2-Butanone	4.26	43	108406	90.615	ug/l	99
26) 2,2-Dichloropropane	4.23	77	39327	19.006	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	27153	18.838	ug/l	98
28) Bromochloromethane	4.55	49	23246	19.311	ug/l	95
29) Tetrahydrofuran	4.64	42	66412	92.077	ug/l	99
30) Chloroform	4.67	83	47051	19.007	ug/l	98
31) Cyclohexane	5.00	56	42389	18.321	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	39569	19.306	ug/l	100
36) 1,1-Dichloropropene	5.14	75	33348	19.929	ug/l	98
37) Ethyl Acetate	4.38	43	36756	18.266	ug/l	99
38) Carbon Tetrachloride	5.13	117	34717	19.637	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	38258	19.256	ug/l	98
40) Benzene	5.39	78	105294	20.262	ug/l	99
41) Methacrylonitrile	4.54	41	20678	18.710	ug/l	98
42) 1,2-Dichloroethane	5.40	62	37086	20.014	ug/l	98
43) Isopropyl Acetate	5.55	43	57715	18.837	ug/l	99
44) Trichloroethene	6.19	130	27064	21.043	ug/l	94
45) 1,2-Dichloropropane	6.43	63	28220	19.976	ug/l	96
46) Dibromomethane	6.56	93	18447	20.235	ug/l	94
47) Bromodichloromethane	6.76	83	35628	19.847	ug/l	99
48) Methyl methacrylate	6.62	41	29176	18.600	ug/l	97
49) 1,4-Dioxane	6.61	88	12614	348.647	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	191325	93.355	ug/l	99
52) Toluene	7.64	92	65368	21.117	ug/l	95
53) t-1,3-Dichloropropene	7.88	75	38832	19.502	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	42118	19.699	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	27448	20.696	ug/l	97
56) Ethyl methacrylate	8.02	69	35564	17.861	ug/l	96
57) 1,3-Dichloropropane	8.24	76	46044	20.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	95758	95.711	ug/l	95
59) 2-Hexanone	8.36	43	144325	89.482	ug/l	97
60) Dibromochloromethane	8.48	129	28391	19.766	ug/l	99
61) 1,2-Dibromoethane	8.59	107	28253	19.634	ug/l	99
64) Tetrachloroethene	8.23	164	24277	21.414	ug/l	96
65) Chlorobenzene	9.12	112	72318	20.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	26557	20.396	ug/l	99
67) Ethyl Benzene	9.25	91	114632	19.664	ug/l	100
68) m/p-Xylenes	9.38	106	92890	41.889	ug/l	96
69) o-Xylene	9.78	106	43316	19.065	ug/l	98
70) Styrene	9.79	104	72455	19.338	ug/l	99
71) Bromoform	9.96	173	22150	19.560	ug/l #	98
73) Isopropylbenzene	10.17	105	118071	19.974	ug/l	100
74) N-amyl acetate	10.02	43	47258	16.933	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	43516	18.063	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	47516	24.452	ug/l	81
77) Bromobenzene	10.45	156	32187	20.034	ug/l	96
78) n-propylbenzene	10.59	91	135783	19.749	ug/l	99
79) 2-Chlorotoluene	10.66	91	82724	19.410	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	99964	20.118	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	47516	72.287	ug/l #	100
82) 4-Chlorotoluene	10.77	91	95416	19.926	ug/l	99
83) tert-Butylbenzene	11.10	119	97571	19.350	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	101824	20.318	ug/l	100
85) sec-Butylbenzene	11.32	105	117944	19.696	ug/l	99
86) p-Isopropyltoluene	11.48	119	106599	19.177	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	58824	19.626	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	60824	19.540	ug/l	99
89) n-Butylbenzene	11.89	91	85565	17.626	ug/l	98
90) Hexachloroethane	12.15	117	19092	18.068	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	59199	19.635	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8837	18.296	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39104	19.530	ug/l	98
94) Hexachlorobutadiene	13.69	225	21584	20.955	ug/l	98
95) Naphthalene	13.75	128	113477	17.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	41529	19.860	ug/l	99

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

