

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060622\
 Data File : VU048885.D
 Acq On : 06 Jun 2022 16:18
 Operator : SY/MD
 Sample : VU0606WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0606WBSD02

Quant Time: Jun 07 05:17:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	208590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	344272	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	314991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	168731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172766	55.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.300%
35) Dibromofluoromethane	5.288	113	130856	53.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	7.896	98	446614	50.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	10.632	95	172140	51.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	42097	17.629	ug/l	97
3) Chloromethane	1.523	50	58643	19.077	ug/l	99
4) Vinyl Chloride	1.604	62	54030	18.977	ug/l	97
5) Bromomethane	1.829	94	26998	13.852	ug/l	99
6) Chloroethane	1.912	64	31159	18.364	ug/l	100
7) Trichlorofluoromethane	2.128	101	76365	18.781	ug/l	97
8) Diethyl Ether	2.372	74	30322	20.208	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	43465	19.528	ug/l	97
10) Methyl Iodide	2.716	142	60041	20.074	ug/l	97
11) Tert butyl alcohol	3.186	59	107847	135.792	ug/l #	41
12) 1,1-Dichloroethene	2.575	96	39989	18.836	ug/l	99
13) Acrolein	2.482	56	21954	80.535	ug/l	97
14) Allyl chloride	2.919	41	82880	20.156	ug/l	97
15) Acrylonitrile	3.311	53	198539	115.263	ug/l	99
16) Acetone	2.623	43	170275	106.657	ug/l	98
17) Carbon Disulfide	2.787	76	91460	14.757	ug/l	98
18) Methyl Acetate	2.945	43	96934	24.183	ug/l	100
19) Methyl tert-butyl Ether	3.359	73	172307	21.390	ug/l	100
20) Methylene Chloride	3.041	84	52745	19.429	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	42743	17.601	ug/l	93
22) Diisopropyl ether	3.990	45	175106	23.086	ug/l	98
23) Vinyl Acetate	3.951	43	723294	110.061	ug/l	99
24) 1,1-Dichloroethane	3.867	63	97886	20.548	ug/l	99
25) 2-Butanone	4.700	43	274209	119.561	ug/l	100
26) 2,2-Dichloropropane	4.662	77	84043	19.665	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	55134	19.614	ug/l	98
28) Bromochloromethane	4.970	49	45626	24.418	ug/l	96
29) Tetrahydrofuran	5.047	42	174689	120.922	ug/l	96
30) Chloroform	5.086	83	100123	21.005	ug/l	100
31) Cyclohexane	5.385	56	74158	18.785	ug/l	96
32) 1,1,1-Trichloroethane	5.314	97	86841	20.081	ug/l	98
36) 1,1-Dichloropropene	5.523	75	64126	17.889	ug/l	99
37) Ethyl Acetate	4.800	43	95207	21.009	ug/l	99
38) Carbon Tetrachloride	5.523	117	74256	18.056	ug/l	97
39) Methylcyclohexane	6.761	83	70797	18.836	ug/l	96
40) Benzene	5.771	78	202188	19.105	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	51855	22.644	ug/l	98
42) 1,2-Dichloroethane	5.793	62	81758	19.735	ug/l	99
43) Isopropyl Acetate	5.909	43	139935	21.275	ug/l	98
44) Trichloroethene	6.542	130	48831	17.910	ug/l	97
45) 1,2-Dichloropropane	6.790	63	59544	22.349	ug/l	98
46) Dibromomethane	6.919	93	40556	20.375	ug/l	95
47) Bromodichloromethane	7.105	83	78209	19.429	ug/l	98
48) Methyl methacrylate	6.957	41	64560	21.865	ug/l	100
49) 1,4-Dioxane	6.964	88	37554	568.951	ug/l	93
51) 4-Methyl-2-Pentanone	7.790	43	522513	122.346	ug/l	98
52) Toluene	7.970	92	124265	19.631	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	81829	18.845	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	86224	19.163	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	56971	20.392	ug/l	99
56) Ethyl methacrylate	8.333	69	83738	20.590	ug/l	96
57) 1,3-Dichloropropane	8.575	76	96268	20.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	66715	88.637	ug/l	99
59) 2-Hexanone	8.684	43	422259	120.432	ug/l	97
60) Dibromochloromethane	8.809	129	60963	19.467	ug/l	99
61) 1,2-Dibromoethane	8.922	107	58701	19.079	ug/l	99
64) Tetrachloroethene	8.555	164	39728	17.441	ug/l	96
65) Chlorobenzene	9.446	112	132445	19.880	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	53821	21.283	ug/l	98
67) Ethyl Benzene	9.571	91	223115	19.857	ug/l	98
68) m/p-Xylenes	9.693	106	180318	41.031	ug/l	98
69) o-Xylene	10.102	106	87142	20.183	ug/l	98
70) Styrene	10.115	104	147288	20.740	ug/l	99
71) Bromoform	10.291	173	51455	22.007	ug/l #	95
73) Isopropylbenzene	10.484	105	236039	21.668	ug/l	99
74) N-amyl acetate	10.320	43	115017	22.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	110732	24.910	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	122665	22.547	ug/l	99
77) Bromobenzene	10.783	156	59316	20.276	ug/l	95
78) n-propylbenzene	10.906	91	269819	20.787	ug/l	100
79) 2-Chlorotoluene	10.986	91	171869	21.292	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	205595	21.703	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	30204	20.158	ug/l	94
82) 4-Chlorotoluene	11.095	91	190564	20.461	ug/l	98
83) tert-Butylbenzene	11.420	119	206887	22.755	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	206624	20.945	ug/l	100
85) sec-Butylbenzene	11.642	105	252405	22.191	ug/l	97
86) p-Isopropyltoluene	11.793	119	212275	21.732	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	113158	19.728	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	113852	19.213	ug/l	98
89) n-Butylbenzene	12.208	91	166351	18.456	ug/l	99
90) Hexachloroethane	12.475	117	42200	21.169	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	121827	21.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	26680	20.845	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	62478	16.431	ug/l	99
94) Hexachlorobutadiene	14.021	225	37396	20.519	ug/l	98
95) Naphthalene	14.089	128	185752	15.810	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	63155	16.770	ug/l	99

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

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