

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048903.D
 Acq On : 07 Jun 2022 11:55
 Operator : SY/MD
 Sample : VU0607WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0607WBS01

Quant Time: Jun 08 04:50:01 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	182866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	301227	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	278649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	149540	54.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.900%	
35) Dibromofluoromethane	5.288	113	115164	53.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.180%	
50) Toluene-d8	7.896	98	390650	50.711	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	10.632	95	149713	51.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	40342	19.271	ug/l	97
3) Chloromethane	1.523	50	53032	19.679	ug/l	99
4) Vinyl Chloride	1.604	62	52809	21.158	ug/l	98
5) Bromomethane	1.832	94	27504	16.882	ug/l	98
6) Chloroethane	1.919	64	29464	20.013	ug/l	100
7) Trichlorofluoromethane	2.131	101	69613	19.528	ug/l	96
8) Diethyl Ether	2.375	74	27763	21.105	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.575	101	39560	20.274	ug/l	95
10) Methyl Iodide	2.719	142	57169	21.543	ug/l	98
11) Tert butyl alcohol	3.182	59	90777	130.377	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	36491	19.606	ug/l	98
13) Acrolein	2.481	56	19041	79.629	ug/l	96
14) Allyl chloride	2.922	41	75781	21.022	ug/l	97
15) Acrylonitrile	3.311	53	175323	116.103	ug/l	99
16) Acetone	2.623	43	150502	107.533	ug/l	99
17) Carbon Disulfide	2.790	76	88682	16.322	ug/l	99
18) Methyl Acetate	2.944	43	88084	25.067	ug/l	98
19) Methyl tert-butyl Ether	3.362	73	155482	22.017	ug/l	100
20) Methylene Chloride	3.041	84	50171	21.080	ug/l	98
21) trans-1,2-Dichloroethene	3.349	96	40397	18.975	ug/l	93
22) Diisopropyl ether	3.989	45	157374	23.667	ug/l	95
23) Vinyl Acetate	3.954	43	655638	113.801	ug/l	100
24) 1,1-Dichloroethane	3.870	63	90925	21.772	ug/l	98
25) 2-Butanone	4.700	43	233032	115.900	ug/l	100
26) 2,2-Dichloropropane	4.665	77	76132	20.320	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	50495	20.491	ug/l	99
28) Bromochloromethane	4.973	49	40766	24.886	ug/l	95
29) Tetrahydrofuran	5.047	42	146119	115.374	ug/l	99
30) Chloroform	5.089	83	95191	22.780	ug/l	99
31) Cyclohexane	5.385	56	70679	20.422	ug/l	95
32) 1,1,1-Trichloroethane	5.314	97	79932	21.084	ug/l	97
36) 1,1-Dichloropropene	5.526	75	59321	18.913	ug/l	98
37) Ethyl Acetate	4.803	43	84329	21.268	ug/l	100
38) Carbon Tetrachloride	5.523	117	69242	19.243	ug/l	99
39) Methylcyclohexane	6.761	83	64940	19.747	ug/l	95
40) Benzene	5.774	78	188463	20.353	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	45169	22.543	ug/l	99
42) 1,2-Dichloroethane	5.793	62	77620	21.414	ug/l	99
43) Isopropyl Acetate	5.909	43	125377	21.786	ug/l	99
44) Trichloroethene	6.542	130	44744	18.756	ug/l	98
45) 1,2-Dichloropropane	6.790	63	54800	23.508	ug/l	97
46) Dibromomethane	6.918	93	36598	21.014	ug/l	98
47) Bromodichloromethane	7.105	83	73178	20.777	ug/l	99
48) Methyl methacrylate	6.960	41	58336	22.580	ug/l	99
49) 1,4-Dioxane	6.963	88	32955	570.621	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	464133	124.206	ug/l	99
52) Toluene	7.970	92	114551	20.682	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	75787	19.947	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	81751	20.765	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	53010	21.686	ug/l	99
56) Ethyl methacrylate	8.333	69	78015	21.755	ug/l	99
57) 1,3-Dichloropropane	8.574	76	88009	21.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	58960	89.229	ug/l	99
59) 2-Hexanone	8.684	43	367631	119.835	ug/l	98
60) Dibromochloromethane	8.809	129	57246	20.892	ug/l	99
61) 1,2-Dibromoethane	8.925	107	54667	20.307	ug/l	94
64) Tetrachloroethene	8.552	164	39274	19.624	ug/l	99
65) Chlorobenzene	9.449	112	124998	21.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	49978	22.341	ug/l	98
67) Ethyl Benzene	9.571	91	210459	21.173	ug/l	98
68) m/p-Xylenes	9.693	106	168371	43.310	ug/l	99
69) o-Xylene	10.102	106	84022	21.999	ug/l	97
70) Styrene	10.115	104	138261	22.008	ug/l	99
71) Bromoform	10.291	173	47827	23.124	ug/l #	95
73) Isopropylbenzene	10.484	105	218275	22.508	ug/l	100
74) N-amyl acetate	10.320	43	106397	23.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	99000	25.016	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	111406	23.002	ug/l	98
77) Bromobenzene	10.783	156	56663	21.756	ug/l	98
78) n-propylbenzene	10.905	91	253859	21.968	ug/l	100
79) 2-Chlorotoluene	10.986	91	160956	22.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	192184	22.788	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.545	75	26142	19.598	ug/l	93
82) 4-Chlorotoluene	11.098	91	182365	21.995	ug/l	97
83) tert-Butylbenzene	11.420	119	194429	24.021	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	195460	22.182	ug/l	100
85) sec-Butylbenzene	11.645	105	242906	23.988	ug/l	99
86) p-Isopropyltoluene	11.793	119	202765	23.317	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	108159	21.181	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	110644	20.973	ug/l	99
89) n-Butylbenzene	12.211	91	157399	19.478	ug/l	100
90) Hexachloroethane	12.478	117	38422	21.650	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	112494	21.807	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	24069	21.123	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	57766	17.065	ug/l	99
94) Hexachlorobutadiene	14.021	225	35500	21.879	ug/l	98
95) Naphthalene	14.089	128	177666	16.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	60465	18.034	ug/l	99

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

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