

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060622\
 Data File : VU048876.D
 Acq On : 06 Jun 2022 12:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 05:13:29 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	200200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	324896	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	296748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	148730	49.468	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.940%
35) Dibromofluoromethane	5.289	113	113527	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	7.896	98	397712	47.867	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.740%
62) 4-Bromofluorobenzene	10.632	95	163339	51.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	100543	43.870	ug/l	98
3) Chloromethane	1.520	50	133583	45.277	ug/l	97
4) Vinyl Chloride	1.604	62	129565	47.415	ug/l	96
5) Bromomethane	1.829	94	66990	43.493	ug/l	98
6) Chloroethane	1.913	64	73502	48.936	ug/l	99
7) Trichlorofluoromethane	2.128	101	179553	46.008	ug/l	99
8) Diethyl Ether	2.372	74	71392	49.572	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.575	101	100869	47.218	ug/l	98
10) Methyl Iodide	2.716	142	144545	45.819	ug/l	99
11) Tert butyl alcohol	3.195	59	216184	283.608	ug/l #	36
12) 1,1-Dichloroethene	2.575	96	96191	47.207	ug/l	97
13) Acrolein	2.482	56	54682	215.895	ug/l	97
14) Allyl chloride	2.919	41	200910	50.907	ug/l	98
15) Acrylonitrile	3.308	53	450455	272.473	ug/l	99
16) Acetone	2.620	43	435812	284.426	ug/l	100
17) Carbon Disulfide	2.787	76	235023	39.511	ug/l	98
18) Methyl Acetate	2.945	43	223254	58.032	ug/l	97
19) Methyl tert-butyl Ether	3.359	73	408982	52.898	ug/l	99
20) Methylene Chloride	3.041	84	123783	47.506	ug/l	98
21) trans-1,2-Dichloroethene	3.347	96	104411	44.796	ug/l	91
22) Diisopropyl ether	3.990	45	408465	56.108	ug/l	96
23) Vinyl Acetate	3.951	43	1774247	281.296	ug/l	100
24) 1,1-Dichloroethane	3.864	63	233151	50.994	ug/l	99
25) 2-Butanone	4.697	43	636975	289.374	ug/l	100
26) 2,2-Dichloropropane	4.662	77	202044	49.256	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	132981	49.291	ug/l	99
28) Bromochloromethane	4.970	49	97520	54.378	ug/l	97
29) Tetrahydrofuran	5.044	42	388080	279.893	ug/l	97
30) Chloroform	5.086	83	236252	51.642	ug/l	99
31) Cyclohexane	5.385	56	180213	47.562	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	202329	48.748	ug/l	99
36) 1,1-Dichloropropene	5.523	75	158839	46.953	ug/l	99
37) Ethyl Acetate	4.800	43	225050	52.623	ug/l	100
38) Carbon Tetrachloride	5.523	117	176604	45.504	ug/l	98
39) Methylcyclohexane	6.761	83	179688	50.658	ug/l	98
40) Benzene	5.771	78	480326	48.094	ug/l	99

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41) Methacrylonitrile	4.970	41	123628	57.206	ug/l	97
42) 1,2-Dichloroethane	5.793	62	190736	48.787	ug/l	100
43) Isopropyl Acetate	5.909	43	332514	53.570	ug/l	100
44) Trichloroethene	6.539	130	116959	45.455	ug/l	98
45) 1,2-Dichloropropane	6.790	63	138024	54.895	ug/l	98
46) Dibromomethane	6.916	93	94978	50.561	ug/l	98
47) Bromodichloromethane	7.105	83	188476	49.615	ug/l	100
48) Methyl methacrylate	6.961	41	158766	56.977	ug/l	98
49) 1,4-Dioxane	6.964	88	85103	1366.220	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1241743	308.092	ug/l	99
52) Toluene	7.970	92	299792	50.184	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	209849	51.209	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	221616	52.190	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	133201	50.522	ug/l	99
56) Ethyl methacrylate	8.333	69	222457	53.218	ug/l	99
57) 1,3-Dichloropropane	8.575	76	226188	50.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	198614	215.500	ug/l	97
59) 2-Hexanone	8.684	43	1010599	305.422	ug/l	99
60) Dibromochloromethane	8.809	129	150391	50.887	ug/l	100
61) 1,2-Dibromoethane	8.922	107	139059	47.892	ug/l	100
64) Tetrachloroethene	8.552	164	99778	48.385	ug/l	98
65) Chlorobenzene	9.446	112	319451	50.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	127929	53.699	ug/l	99
67) Ethyl Benzene	9.571	91	569383	53.789	ug/l	99
68) m/p-Xylenes	9.694	106	451272	109.000	ug/l	99
69) o-Xylene	10.102	106	225950	55.550	ug/l	100
70) Styrene	10.115	104	389452	58.211	ug/l	99
71) Bromoform	10.292	173	127033	57.673	ug/l #	100
73) Isopropylbenzene	10.485	105	603926	53.675	ug/l	100
74) N-amyl acetate	10.321	43	316053	55.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	267155	58.184	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	304521	54.193	ug/l	97
77) Bromobenzene	10.784	156	152668	50.524	ug/l	98
78) n-propylbenzene	10.906	91	719249	53.647	ug/l	100
79) 2-Chlorotoluene	10.986	91	445545	53.439	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	539797	55.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	82863	53.542	ug/l	98
82) 4-Chlorotoluene	11.095	91	512659	53.293	ug/l	99
83) tert-Butylbenzene	11.420	119	545928	58.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	553170	52.399	ug/l	100
85) sec-Butylbenzene	11.645	105	683833	58.207	ug/l	99
86) p-Isopropyltoluene	11.793	119	587867	58.268	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	301725	50.929	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	302707	49.456	ug/l	99
89) n-Butylbenzene	12.208	91	510198	50.499	ug/l	99
90) Hexachloroethane	12.475	117	109492	53.177	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	314789	52.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	67465	51.031	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	185225	47.162	ug/l	100
94) Hexachlorobutadiene	14.021	225	99009	52.595	ug/l	98
95) Naphthalene	14.086	128	630681	46.178	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	190834	49.059	ug/l	99

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

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