

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048679.D
 Acq On : 26 May 2022 14:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU052622

Quant Time: May 27 06:51:28 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	5.375	168	244446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	392219	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178024	48.493	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.980%
35) Dibromofluoromethane	5.292	113	139254	49.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	7.899	98	509347	50.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	10.632	95	198859	52.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	138650	49.547	ug/l	99
3) Chloromethane	1.523	50	174568	48.459	ug/l	99
4) Vinyl Chloride	1.604	62	169602	50.832	ug/l	99
5) Bromomethane	1.854	94	98174	53.172	ug/l	95
6) Chloroethane	1.928	64	93735	51.227	ug/l	98
7) Trichlorofluoromethane	2.137	101	231163	48.511	ug/l	100
8) Diethyl Ether	2.379	74	86995	49.473	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	127774	48.986	ug/l	98
10) Methyl Iodide	2.723	142	185402	47.981	ug/l	98
11) Tert butyl alcohol	3.205	59	249688	268.271	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	124320	49.969	ug/l	99
13) Acrolein	2.488	56	77004	249.659	ug/l	98
14) Allyl chloride	2.925	41	242707	50.366	ug/l	99
15) Acrylonitrile	3.314	53	536151	265.608	ug/l	98
16) Acetone	2.633	43	525189	280.716	ug/l	99
17) Carbon Disulfide	2.793	76	346375	47.691	ug/l	100
18) Methyl Acetate	2.948	43	231825	49.352	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	481686	51.025	ug/l	98
20) Methylene Chloride	3.047	84	153275	48.177	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	140303	49.300	ug/l	95
22) Diisopropyl ether	3.993	45	474256	53.354	ug/l	96
23) Vinyl Acetate	3.954	43	2133556	277.035	ug/l	100
24) 1,1-Dichloroethane	3.870	63	278170	49.828	ug/l	100
25) 2-Butanone	4.703	43	754665	280.784	ug/l	98
26) 2,2-Dichloropropane	4.668	77	249544	49.825	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	163820	49.731	ug/l	99
28) Bromochloromethane	4.973	49	106516	48.644	ug/l	100
29) Tetrahydrofuran	5.050	42	463438	273.743	ug/l	100
30) Chloroform	5.089	83	279253	49.993	ug/l	99
31) Cyclohexane	5.391	56	238193	51.485	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	252583	49.841	ug/l	99
36) 1,1-Dichloropropene	5.530	75	201140	49.252	ug/l	98
37) Ethyl Acetate	4.803	43	268515	52.010	ug/l	100
38) Carbon Tetrachloride	5.526	117	220091	46.975	ug/l	97
39) Methylcyclohexane	6.764	83	229580	53.614	ug/l	98
40) Benzene	5.774	78	591592	49.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	141119	54.091	ug/l	99
42) 1,2-Dichloroethane	5.796	62	228450	48.404	ug/l	99
43) Isopropyl Acetate	5.912	43	389239	51.945	ug/l	100
44) Trichloroethene	6.542	130	153711	49.485	ug/l	97
45) 1,2-Dichloropropane	6.793	63	167331	55.128	ug/l	99
46) Dibromomethane	6.919	93	114639	50.552	ug/l	99
47) Bromodichloromethane	7.105	83	223397	48.713	ug/l	98
48) Methyl methacrylate	6.960	41	181212	53.869	ug/l	99
49) 1,4-Dioxane	6.993	88	94375	1255.013	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	1370372	281.645	ug/l	100
52) Toluene	7.970	92	380343	52.739	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	261476	52.856	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	273051	53.265	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	157873	49.601	ug/l	98
56) Ethyl methacrylate	8.333	69	255038	50.671	ug/l	98
57) 1,3-Dichloropropane	8.578	76	273371	51.032	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.465	63	240115	215.767	ug/l	98
59) 2-Hexanone	8.684	43	1098010	274.880	ug/l	100
60) Dibromochloromethane	8.812	129	179495	50.310	ug/l	99
61) 1,2-Dibromoethane	8.925	107	174866	49.887	ug/l	99
64) Tetrachloroethene	8.555	164	134339	52.024	ug/l	97
65) Chlorobenzene	9.449	112	407246	51.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	154653	51.759	ug/l	99
67) Ethyl Benzene	9.571	91	722166	54.394	ug/l	99
68) m/p-Xylenes	9.693	106	576144	110.954	ug/l	99
69) o-Xylene	10.102	106	275126	53.930	ug/l	100
70) Styrene	10.115	104	474920	56.597	ug/l	99
71) Bromoform	10.291	173	147880	53.529	ug/l #	99
73) Isopropylbenzene	10.484	105	728742	56.202	ug/l	99
74) N-amyl acetate	10.320	43	343126	52.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	274795	51.932	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	335769	51.850	ug/l	97
77) Bromobenzene	10.783	156	181882	52.231	ug/l	98
78) n-propylbenzene	10.906	91	887842	57.463	ug/l	99
79) 2-Chlorotoluene	10.986	91	526627	54.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	641767	56.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	97654	54.753	ug/l	97
82) 4-Chlorotoluene	11.095	91	619673	55.897	ug/l	99
83) tert-Butylbenzene	11.420	119	613360	56.675	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	643578	52.889	ug/l	99
85) sec-Butylbenzene	11.645	105	783015	57.833	ug/l	100
86) p-Isopropyltoluene	11.793	119	678717	58.375	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	358332	52.484	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	362507	51.392	ug/l	99
89) n-Butylbenzene	12.208	91	619648	53.102	ug/l	99
90) Hexachloroethane	12.478	117	118165	49.798	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	356564	51.696	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	79578	52.232	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	248835	54.978	ug/l	99
94) Hexachlorobutadiene	14.021	225	106880	49.267	ug/l	98
95) Naphthalene	14.086	128	880628	55.415	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	250679	55.920	ug/l	99

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

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