

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048901.D
 Acq On : 07 Jun 2022 10:15
 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 08 04:48:59 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	178348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	283743	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	265835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	155394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	137381	51.291	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.580%	
35) Dibromofluoromethane	5.289	113	108131	53.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	7.899	98	365582	50.381	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	10.632	95	146025	53.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	100708	49.326	ug/l	99
3) Chloromethane	1.520	50	127148	48.376	ug/l	98
4) Vinyl Chloride	1.604	62	124578	51.176	ug/l	98
5) Bromomethane	1.832	94	57167	41.459	ug/l	98
6) Chloroethane	1.916	64	68158	51.045	ug/l	100
7) Trichlorofluoromethane	2.128	101	167918	48.299	ug/l	98
8) Diethyl Ether	2.375	74	66452	51.796	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	96734	50.830	ug/l	99
10) Methyl Iodide	2.716	142	136421	48.364	ug/l	99
11) Tert butyl alcohol	3.176	59	200887	295.831	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	89174	49.126	ug/l	97
13) Acrolein	2.482	56	48539	215.106	ug/l	98
14) Allyl chloride	2.919	41	184809	52.565	ug/l	97
15) Acrylonitrile	3.308	53	428621	291.032	ug/l	99
16) Acetone	2.623	43	410586	300.794	ug/l	99
17) Carbon Disulfide	2.787	76	210655	39.753	ug/l	97
18) Methyl Acetate	2.945	43	199510	58.214	ug/l	98
19) Methyl tert-butyl Ether	3.363	73	380514	55.247	ug/l	99
20) Methylene Chloride	3.041	84	117134	50.463	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	96604	46.525	ug/l	94
22) Diisopropyl ether	3.990	45	378355	58.340	ug/l	99
23) Vinyl Acetate	3.951	43	1625135	289.224	ug/l	98
24) 1,1-Dichloroethane	3.867	63	214925	52.767	ug/l	99
25) 2-Butanone	4.697	43	596099	303.984	ug/l	100
26) 2,2-Dichloropropane	4.665	77	184291	50.433	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	121132	50.400	ug/l	98
28) Bromochloromethane	4.970	49	88584	55.447	ug/l	98
29) Tetrahydrofuran	5.047	42	366383	296.621	ug/l	97
30) Chloroform	5.089	83	219348	53.821	ug/l	100
31) Cyclohexane	5.388	56	162075	48.016	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	189510	51.254	ug/l	99
36) 1,1-Dichloropropene	5.526	75	141318	47.833	ug/l	99
37) Ethyl Acetate	4.800	43	200157	53.591	ug/l	99
38) Carbon Tetrachloride	5.523	117	162348	47.898	ug/l	99
39) Methylcyclohexane	6.764	83	159327	51.432	ug/l	97
40) Benzene	5.774	78	441108	50.573	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	112073	59.380	ug/l	99
42) 1,2-Dichloroethane	5.793	62	180691	52.921	ug/l	100
43) Isopropyl Acetate	5.909	43	302284	55.762	ug/l	100
44) Trichloroethene	6.542	130	107032	47.630	ug/l	99
45) 1,2-Dichloropropane	6.790	63	128324	58.439	ug/l	100
46) Dibromomethane	6.919	93	87283	53.204	ug/l	96
47) Bromodichloromethane	7.105	83	177494	53.500	ug/l	97
48) Methyl methacrylate	6.960	41	143054	58.784	ug/l	98
49) 1,4-Dioxane	6.967	88	81474	1497.662	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1139481	323.724	ug/l	99
52) Toluene	7.970	92	276045	52.910	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	182634	51.032	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	195718	52.776	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	124086	53.891	ug/l	99
56) Ethyl methacrylate	8.333	69	192528	52.762	ug/l	98
57) 1,3-Dichloropropane	8.575	76	209734	54.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	168787	210.500	ug/l	98
59) 2-Hexanone	8.684	43	921739	318.969	ug/l	99
60) Dibromochloromethane	8.809	129	135808	52.617	ug/l	98
61) 1,2-Dibromoethane	8.925	107	128943	50.849	ug/l	98
64) Tetrachloroethene	8.555	164	96905	52.552	ug/l	98
65) Chlorobenzene	9.446	112	293502	52.202	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	121133	56.760	ug/l	99
67) Ethyl Benzene	9.571	91	514821	54.290	ug/l	100
68) m/p-Xylenes	9.693	106	415431	112.011	ug/l	99
69) o-Xylene	10.102	106	203986	55.982	ug/l	98
70) Styrene	10.115	104	350975	58.560	ug/l	98
71) Bromoform	10.292	173	115608	58.589	ug/l #	99
73) Isopropylbenzene	10.484	105	533372	53.166	ug/l	98
74) N-amyl acetate	10.320	43	274624	53.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	238804	58.330	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	278054	55.497	ug/l	99
77) Bromobenzene	10.783	156	138914	51.559	ug/l	97
78) n-propylbenzene	10.906	91	644923	53.950	ug/l	100
79) 2-Chlorotoluene	10.986	91	398336	53.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	495352	56.779	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	72697	52.682	ug/l	98
82) 4-Chlorotoluene	11.095	91	461374	53.791	ug/l	99
83) tert-Butylbenzene	11.420	119	476931	56.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	509910	54.132	ug/l	99
85) sec-Butylbenzene	11.645	105	612139	58.437	ug/l	99
86) p-Isopropyltoluene	11.793	119	534054	59.368	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	276172	52.281	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	279181	51.155	ug/l	99
89) n-Butylbenzene	12.211	91	466082	51.685	ug/l	99
90) Hexachloroethane	12.478	117	96282	52.444	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	290817	54.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	64569	54.777	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	169646	48.445	ug/l	99
94) Hexachlorobutadiene	14.021	225	94388	56.234	ug/l	97
95) Naphthalene	14.089	128	536988	44.211	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	178702	51.523	ug/l	99

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

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