

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048950.D
 Acq On : 08 Jun 2022 07:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 09:20:11 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	171467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	290116	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	272745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	140364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	143779	55.834	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.660%
35) Dibromofluoromethane	5.288	113	112008	54.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.240%
50) Toluene-d8	7.896	98	366009	49.332	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	10.632	95	143092	50.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	86387	44.009	ug/l	99
3) Chloromethane	1.520	50	117545	46.517	ug/l	98
4) Vinyl Chloride	1.604	62	112152	47.920	ug/l	100
5) Bromomethane	1.835	94	60325	45.978	ug/l	100
6) Chloroethane	1.919	64	66024	51.450	ug/l	98
7) Trichlorofluoromethane	2.131	101	163685	48.971	ug/l	98
8) Diethyl Ether	2.375	74	63731	51.668	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	89363	48.841	ug/l	98
10) Methyl Iodide	2.719	142	138579	50.930	ug/l	100
11) Tert butyl alcohol	3.179	59	214998	329.317	ug/l #	41
12) 1,1-Dichloroethene	2.578	96	84814	48.599	ug/l	96
13) Acrolein	2.482	56	20514	92.136	ug/l	96
14) Allyl chloride	2.919	41	168368	49.810	ug/l	97
15) Acrylonitrile	3.308	53	430805	304.254	ug/l	98
16) Acetone	2.620	43	375828	286.380	ug/l	100
17) Carbon Disulfide	2.790	76	197186	38.705	ug/l	99
18) Methyl Acetate	2.945	43	231796	70.349	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	382629	57.783	ug/l	98
20) Methylene Chloride	3.041	84	113719	50.957	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	95201	47.689	ug/l	95
22) Diisopropyl ether	3.989	45	369098	59.197	ug/l	97
23) Vinyl Acetate	3.951	43	1535799	284.294	ug/l	100
24) 1,1-Dichloroethane	3.867	63	213428	54.502	ug/l	99
25) 2-Butanone	4.697	43	582629	309.038	ug/l	99
26) 2,2-Dichloropropane	4.665	77	97387	27.721	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	118221	51.163	ug/l	94
28) Bromochloromethane	4.970	49	93189	60.671	ug/l	100
29) Tetrahydrofuran	5.044	42	366823	308.895	ug/l	99
30) Chloroform	5.089	83	220020	56.153	ug/l	100
31) Cyclohexane	5.388	56	157092	48.407	ug/l	98
32) 1,1,1-Trichloroethane	5.314	97	192923	54.271	ug/l	98
36) 1,1-Dichloropropene	5.526	75	139356	46.133	ug/l	100
37) Ethyl Acetate	4.800	43	206327	54.029	ug/l	99
38) Carbon Tetrachloride	5.523	117	164318	47.414	ug/l	99
39) Methylcyclohexane	6.764	83	145567	45.958	ug/l	97
40) Benzene	5.774	78	427157	47.897	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	114638	59.405	ug/l	99
42) 1,2-Dichloroethane	5.793	62	176529	50.566	ug/l	99
43) Isopropyl Acetate	5.909	43	295714	53.352	ug/l	100
44) Trichloroethene	6.542	130	105329	45.843	ug/l	100
45) 1,2-Dichloropropane	6.790	63	123838	55.158	ug/l	98
46) Dibromomethane	6.915	93	85834	51.171	ug/l	98
47) Bromodichloromethane	7.105	83	177843	52.428	ug/l	98
48) Methyl methacrylate	6.957	41	146304	58.799	ug/l	98
49) 1,4-Dioxane	6.960	88	80034	1438.874	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1085564	301.632	ug/l	100
52) Toluene	7.970	92	265536	49.778	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	170380	46.562	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	174675	46.067	ug/l	97
55) 1,1,2-Trichloroethane	8.398	97	122316	51.955	ug/l	99
56) Ethyl methacrylate	8.333	69	194584	52.184	ug/l	99
57) 1,3-Dichloropropane	8.575	76	208662	52.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	132251	168.265	ug/l	100
59) 2-Hexanone	8.684	43	896090	303.281	ug/l	99
60) Dibromochloromethane	8.809	129	136559	51.746	ug/l	99
61) 1,2-Dibromoethane	8.922	107	128503	49.563	ug/l	100
64) Tetrachloroethene	8.552	164	88437	46.620	ug/l	100
65) Chlorobenzene	9.446	112	293867	50.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	122918	56.137	ug/l	97
67) Ethyl Benzene	9.571	91	510784	52.500	ug/l	98
68) m/p-Xylenes	9.693	106	399195	104.907	ug/l	99
69) o-Xylene	10.099	106	206525	55.243	ug/l	95
70) Styrene	10.115	104	343196	55.812	ug/l	99
71) Bromoform	10.291	173	110888	54.773	ug/l #	99
73) Isopropylbenzene	10.484	105	524675	57.899	ug/l	99
74) N-amyl acetate	10.320	43	243527	52.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	225766	61.051	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	249022	55.024	ug/l	98
77) Bromobenzene	10.783	156	131635	54.089	ug/l	99
78) n-propylbenzene	10.906	91	602278	55.777	ug/l	100
79) 2-Chlorotoluene	10.986	91	376948	56.136	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	462384	58.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	55304	44.369	ug/l	95
82) 4-Chlorotoluene	11.095	91	428270	55.278	ug/l	98
83) tert-Butylbenzene	11.420	119	476376	62.985	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	452411	53.191	ug/l	99
85) sec-Butylbenzene	11.642	105	551973	58.335	ug/l	99
86) p-Isopropyltoluene	11.793	119	458388	56.413	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	239526	50.199	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	240121	48.710	ug/l	98
89) n-Butylbenzene	12.208	91	376891	46.499	ug/l	100
90) Hexachloroethane	12.475	117	89258	53.824	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	255433	52.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	62042	58.269	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	154133	48.728	ug/l	98
94) Hexachlorobutadiene	14.021	225	80964	53.402	ug/l	99
95) Naphthalene	14.086	128	534092	48.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	163505	52.189	ug/l	99

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

