

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047760.D
 Acq On : 30 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 31 02:21:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 02:19:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	330645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	466844	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	456207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	271049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	76847	16.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	32.320%#
35) Dibromofluoromethane	5.295	113	66650	21.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.340%#
50) Toluene-d8	7.899	98	252397	21.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	42.560%#
62) 4-Bromofluorobenzene	10.632	95	90294	19.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55516	13.720	ug/l	100
3) Chloromethane	1.523	50	63894	13.684	ug/l	98
4) Vinyl Chloride	1.607	62	57259	12.702	ug/l	98
5) Bromomethane	1.864	94	39095	15.461	ug/l	96
6) Chloroethane	1.941	64	35345	11.936	ug/l	93
7) Trichlorofluoromethane	2.144	101	82911	13.694	ug/l	97
8) Diethyl Ether	2.382	74	33525	13.934	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	53282	14.902	ug/l	98
10) Methyl Iodide	2.729	142	32471	7.582	ug/l	99
11) Tert butyl alcohol	3.311	59	94190m	94.758	ug/l	
12) 1,1-Dichloroethene	2.584	96	48434	13.812	ug/l	98
13) Acrolein	2.498	56	106164	865.600	ug/l	100
14) Allyl chloride	2.928	41	71804	11.823	ug/l	98
15) Acrylonitrile	3.327	53	211551	81.803	ug/l	99
16) Acetone	2.658	43	239832	94.405	ug/l	99
17) Carbon Disulfide	2.800	76	121407	12.536	ug/l	98
18) Methyl Acetate	2.964	43	81558	10.252	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	166163	13.291	ug/l	99
20) Methylene Chloride	3.051	84	59533	14.064	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	53952	14.814	ug/l	99
22) Diisopropyl ether	3.996	45	156631	13.034	ug/l	98
23) Vinyl Acetate	3.964	43	689081	73.163	ug/l	99
24) 1,1-Dichloroethane	3.877	63	98417	13.666	ug/l	99
25) 2-Butanone	4.723	43	311694	92.200	ug/l	99
26) 2,2-Dichloropropane	4.671	77	90092	15.020	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	66193	15.441	ug/l	99
28) Bromochloromethane	4.980	49	47892	14.073	ug/l	100
29) Tetrahydrofuran	5.067	42	190208	91.014	ug/l	99
30) Chloroform	5.092	83	112255	15.593	ug/l	100
31) Cyclohexane	5.391	56	87530	13.140	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	95718	15.672	ug/l	97
36) 1,1-Dichloropropene	5.530	75	81101	18.330	ug/l	99
37) Ethyl Acetate	4.809	43	113934	21.078	ug/l	95
38) Carbon Tetrachloride	5.530	117	86017	19.003	ug/l	99
39) Methylcyclohexane	6.764	83	84552	15.528	ug/l	98
40) Benzene	5.777	78	238027	18.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	52278	19.397	ug/l	97
42) 1,2-Dichloroethane	5.796	62	86467	18.213	ug/l	100
43) Isopropyl Acetate	5.915	43	133062	17.059	ug/l	98
44) Trichloroethene	6.546	130	64662	19.617	ug/l	97
45) 1,2-Dichloropropane	6.793	63	58501	16.673	ug/l	98
46) Dibromomethane	6.922	93	45761	18.461	ug/l	99
47) Bromodichloromethane	7.108	83	88982	19.050	ug/l	100
48) Methyl methacrylate	6.964	41	61305	16.944	ug/l	97
49) 1,4-Dioxane	7.066	88	40928	429.534	ug/l #	58
51) 4-Methyl-2-Pentanone	7.796	43	535652	100.442	ug/l	100
52) Toluene	7.970	92	157031	19.190	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	98235	18.396	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	102991	18.221	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	67983	19.771	ug/l	98
56) Ethyl methacrylate	8.337	69	95018	17.612	ug/l	99
57) 1,3-Dichloropropane	8.578	76	111236	18.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	38360	14.189	ug/l	97
59) 2-Hexanone	8.687	43	444582	105.080	ug/l	99
60) Dibromochloromethane	8.812	129	75477	20.764	ug/l	97
61) 1,2-Dibromoethane	8.925	107	73225	19.739	ug/l	99
64) Tetrachloroethene	8.555	164	59858	22.506	ug/l	99
65) Chlorobenzene	9.449	112	173128	19.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	62058	19.358	ug/l	99
67) Ethyl Benzene	9.571	91	274302	17.442	ug/l	99
68) m/p-Xylenes	9.693	106	219882	36.637	ug/l	99
69) o-Xylene	10.102	106	107094	18.313	ug/l	100
70) Styrene	10.115	104	178936	18.142	ug/l	99
71) Bromoform	10.291	173	65270	23.424	ug/l #	98
73) Isopropylbenzene	10.484	105	295544	17.051	ug/l	99
74) N-amyl acetate	10.324	43	115630	15.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	124094	17.851	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	143088	17.657	ug/l	99
77) Bromobenzene	10.783	156	85060	19.708	ug/l	98
78) n-propylbenzene	10.906	91	353290	16.503	ug/l	99
79) 2-Chlorotoluene	10.986	91	216130	17.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	253556	16.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	37800	16.604	ug/l	97
82) 4-Chlorotoluene	11.098	91	252578	16.990	ug/l	99
83) tert-Butylbenzene	11.423	119	250209	17.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	252417	17.066	ug/l	100
85) sec-Butylbenzene	11.645	105	312922	16.551	ug/l	99
86) p-Isopropyltoluene	11.793	119	267702	16.878	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	165221	19.084	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	168856	19.304	ug/l	98
89) n-Butylbenzene	12.208	91	246554	16.209	ug/l	100
90) Hexachloroethane	12.475	117	51626	17.750	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	164013	19.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30821	18.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	110778	18.786	ug/l	99
94) Hexachlorobutadiene	14.021	225	53014	20.141	ug/l	99
95) Naphthalene	14.085	128	332126	16.905	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	109318	18.654	ug/l	98

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

