

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047768.D
 Acq On : 31 Mar 2022 11:41
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 31 12:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:29:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	333412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	481569	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	471621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	277583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	62105	16.347	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.700%#		
35) Dibromofluoromethane	5.295	113	57474	17.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.100%#		
50) Toluene-d8	7.899	98	205295	16.735	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	33.460%#		
62) 4-Bromofluorobenzene	10.632	95	76789	16.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.880%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	73654	25.428	ug/l	100
3) Chloromethane	1.523	50	80187	23.115	ug/l	98
4) Vinyl Chloride	1.607	62	74272	23.144	ug/l	100
5) Bromomethane	1.861	94	49085	22.050	ug/l	100
6) Chloroethane	1.938	64	47256	22.587	ug/l	97
7) Trichlorofluoromethane	2.144	101	102209	21.205	ug/l	96
8) Diethyl Ether	2.382	74	38008	19.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	62292	21.000	ug/l	98
10) Methyl Iodide	2.729	142	54999	26.175	ug/l	100
11) Tert butyl alcohol	3.260	59	93822m	94.488	ug/l	
12) 1,1-Dichloroethene	2.584	96	59063	20.833	ug/l	98
13) Acrolein	2.498	56	39284	138.194	ug/l	100
14) Allyl chloride	2.928	41	86564	21.298	ug/l	98
15) Acrylonitrile	3.327	53	224822	95.576	ug/l	100
16) Acetone	2.652	43	256360	98.823	ug/l	99
17) Carbon Disulfide	2.800	76	177028	23.585	ug/l	98
18) Methyl Acetate	2.957	43	89367	18.813	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	185623	20.075	ug/l	99
20) Methylene Chloride	3.051	84	70166	20.083	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	65805	22.019	ug/l	97
22) Diisopropyl ether	3.996	45	172491	20.368	ug/l	93
23) Vinyl Acetate	3.960	43	769449	102.339	ug/l	100
24) 1,1-Dichloroethane	3.874	63	112159	20.440	ug/l	99
25) 2-Butanone	4.716	43	321626	103.496	ug/l	98
26) 2,2-Dichloropropane	4.671	77	98749	20.394	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	73956	20.695	ug/l	98
28) Bromochloromethane	4.980	49	35086	15.991	ug/l	97
29) Tetrahydrofuran	5.063	42	188870	96.265	ug/l	99
30) Chloroform	5.092	83	119789	20.430	ug/l	98
31) Cyclohexane	5.391	56	101580	21.969	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	102704	20.519	ug/l	100
36) 1,1-Dichloropropene	5.530	75	89890	21.764	ug/l	98
37) Ethyl Acetate	4.809	43	112547	18.220	ug/l #	93
38) Carbon Tetrachloride	5.530	117	93917	21.131	ug/l	98
39) Methylcyclohexane	6.767	83	107398	22.100	ug/l	98
40) Benzene	5.777	78	260449	20.843	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	52411	20.468	ug/l	96
42) 1,2-Dichloroethane	5.796	62	92265	20.636	ug/l	99
43) Isopropyl Acetate	5.915	43	141532	19.197	ug/l	98
44) Trichloroethene	6.546	130	75485	21.101	ug/l	95
45) 1,2-Dichloropropane	6.793	63	64485	20.196	ug/l	96
46) Dibromomethane	6.922	93	51896	21.205	ug/l	100
47) Bromodichloromethane	7.108	83	93081	20.213	ug/l	96
48) Methyl methacrylate	6.964	41	67194	20.514	ug/l	99
49) 1,4-Dioxane	7.031	88	40158	411.039	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	537357	99.457	ug/l	100
52) Toluene	7.970	92	167939	21.511	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	104154	20.528	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	109312	21.071	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	70236	19.915	ug/l	99
56) Ethyl methacrylate	8.336	69	99183	20.040	ug/l	99
57) 1,3-Dichloropropane	8.578	76	115553	20.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	25505	71.387	ug/l	98
59) 2-Hexanone	8.687	43	449961	99.475	ug/l	98
60) Dibromochloromethane	8.812	129	80932	20.148	ug/l	98
61) 1,2-Dibromoethane	8.925	107	80639	20.549	ug/l	100
64) Tetrachloroethene	8.555	164	66519	21.414	ug/l	97
65) Chlorobenzene	9.449	112	192983	20.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	69941	20.508	ug/l	99
67) Ethyl Benzene	9.571	91	315568	21.309	ug/l	99
68) m/p-Xylenes	9.697	106	256052	43.494	ug/l	99
69) o-Xylene	10.102	106	121369	21.217	ug/l	99
70) Styrene	10.115	104	201432	21.259	ug/l	99
71) Bromoform	10.291	173	70563	20.187	ug/l #	97
73) Isopropylbenzene	10.484	105	315163	20.613	ug/l	99
74) N-amyl acetate	10.324	43	122927	20.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	128143	19.331	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	144954	19.294	ug/l	99
77) Bromobenzene	10.783	156	91181	20.291	ug/l	97
78) n-propylbenzene	10.906	91	381016	21.089	ug/l	100
79) 2-Chlorotoluene	10.986	91	229065	20.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	269803	20.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	39373	18.400	ug/l	97
82) 4-Chlorotoluene	11.098	91	264938	20.699	ug/l	99
83) tert-Butylbenzene	11.423	119	266819	20.501	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	268916	21.219	ug/l	99
85) sec-Butylbenzene	11.645	105	332125	20.806	ug/l	100
86) p-Isopropyltoluene	11.793	119	288205	21.156	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	175395	20.256	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	175519	19.514	ug/l	98
89) n-Butylbenzene	12.208	91	263965	20.699	ug/l	99
90) Hexachloroethane	12.478	117	54884	20.166	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	169815	19.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	31968	20.173	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	124866	21.012	ug/l	99
94) Hexachlorobutadiene	14.021	225	60661	20.125	ug/l	99
95) Naphthalene	14.089	128	365979	21.293	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	122115	20.846	ug/l	99

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

