

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081050.D
 Acq On : 16 Feb 2024 12:30
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 16 23:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/17/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	393704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	723682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	641488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89275	18.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.000%	#	
35) Dibromofluoromethane	8.171	113	76014	18.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.160%	#	
50) Toluene-d8	10.565	98	261180	17.970	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.940%	#	
62) 4-Bromofluorobenzene	12.847	95	101657	18.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.220%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	101480	19.931	ug/l	95
3) Chloromethane	2.365	50	121994	21.282	ug/l	93
4) Vinyl Chloride	2.518	62	116882	20.667	ug/l #	84
5) Bromomethane	2.947	94	82472	20.531	ug/l	88
6) Chloroethane	3.118	64	72632	18.820	ug/l	91
7) Trichlorofluoromethane	3.494	101	172892	20.926	ug/l	99
8) Diethyl Ether	3.959	74	64912	21.489	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	97705	21.213	ug/l	91
10) Methyl Iodide	4.589	142	106146	20.646	ug/l	97
11) Tert butyl alcohol	5.524	59	96100	108.285	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	92183	20.705	ug/l	86
13) Acrolein	4.183	56	45912	96.522	ug/l	94
14) Allyl chloride	5.018	41	139388	21.100	ug/l #	92
15) Acrylonitrile	5.718	53	244401	105.446	ug/l	97
16) Acetone	4.424	43	198202	104.382	ug/l	97
17) Carbon Disulfide	4.712	76	257413	20.728	ug/l	98
18) Methyl Acetate	5.024	43	99335	21.445	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	321878	21.108	ug/l	100
20) Methylene Chloride	5.277	84	109880	21.845	ug/l #	88
21) trans-1,2-Dichloroethene	5.777	96	104255	20.988	ug/l #	79
22) Diisopropyl ether	6.677	45	323509	21.588	ug/l #	96
23) Vinyl Acetate	6.600	43	1348974	110.950	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	183955	21.230	ug/l	98
25) 2-Butanone	7.482	43	341361	111.280	ug/l	95
26) 2,2-Dichloropropane	7.494	77	170419	20.990	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	119365	20.682	ug/l	87
28) Bromochloromethane	7.812	49	66036	18.383	ug/l #	60
29) Tetrahydrofuran	7.841	42	218115	106.514	ug/l #	87
30) Chloroform	7.965	83	191175	20.754	ug/l	99
31) Cyclohexane	8.259	56	168026	20.165	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	178985	21.335	ug/l	95
36) 1,1-Dichloropropene	8.371	75	144184	20.566	ug/l	97
37) Ethyl Acetate	7.559	43	129802	20.514	ug/l	96
38) Carbon Tetrachloride	8.359	117	152150	21.451	ug/l	99
39) Methylcyclohexane	9.600	83	174725	21.379	ug/l	88
40) Benzene	8.606	78	433422	21.358	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74014	20.554	ug/l	92
42) 1,2-Dichloroethane	8.671	62	145649	20.572	ug/l	97
43) Isopropyl Acetate	8.688	43	238364	21.540	ug/l #	96
44) Trichloroethene	9.353	130	114435	21.173	ug/l	91
45) 1,2-Dichloropropane	9.623	63	110177	21.705	ug/l	98
46) Dibromomethane	9.712	93	76246	20.615	ug/l #	89
47) Bromodichloromethane	9.888	83	148259	21.165	ug/l #	97
48) Methyl methacrylate	9.676	41	108712	21.113	ug/l	95
49) 1,4-Dioxane	9.694	88	45384	457.296	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	690349	108.447	ug/l	95
52) Toluene	10.629	92	272995	21.250	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	167215	21.481	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	177610	21.118	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	103645	20.976	ug/l	95
56) Ethyl methacrylate	10.876	69	161999	21.452	ug/l	91
57) 1,3-Dichloropropane	11.165	76	183846	21.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	380763	100.492	ug/l #	87
59) 2-Hexanone	11.194	43	548921	108.766	ug/l	96
60) Dibromochloromethane	11.359	129	113186	21.563	ug/l	98
61) 1,2-Dibromoethane	11.470	107	111037	21.370	ug/l	99
64) Tetrachloroethene	11.106	164	90026	20.562	ug/l	86
65) Chlorobenzene	11.894	112	293019	21.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	106315	21.320	ug/l	97
67) Ethyl Benzene	11.965	91	537245	21.625	ug/l	94
68) m/p-Xylenes	12.070	106	408699	42.919	ug/l	96
69) o-Xylene	12.400	106	199231	21.106	ug/l	95
70) Styrene	12.412	104	329057	21.999	ug/l	96
71) Bromoform	12.582	173	71562	22.619	ug/l #	99
73) Isopropylbenzene	12.694	105	521739	20.764	ug/l	97
74) N-amyl acetate	12.494	43	220565	20.769	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	146704	20.763	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	132059m	20.157	ug/l	
77) Bromobenzene	12.982	156	113246	20.213	ug/l	77
78) n-propylbenzene	13.035	91	606447	20.965	ug/l	95
79) 2-Chlorotoluene	13.129	91	366857	20.677	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	434868	21.345	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	54426	21.469	ug/l	99
82) 4-Chlorotoluene	13.223	91	356967	20.576	ug/l	93
83) tert-Butylbenzene	13.441	119	368095	20.895	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	435283	21.441	ug/l	97
85) sec-Butylbenzene	13.617	105	513795	20.980	ug/l	94
86) p-Isopropyltoluene	13.729	119	432610	21.267	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	214923	20.302	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	208609	20.055	ug/l	96
89) n-Butylbenzene	14.059	91	375068	21.164	ug/l	95
90) Hexachloroethane	14.335	117	74081	22.032	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	208790	20.449	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29940	20.381	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	119796	21.031	ug/l	99
94) Hexachlorobutadiene	15.505	225	46054	21.679	ug/l	95
95) Naphthalene	15.641	128	430313	20.615	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	117605	20.812	ug/l	99

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

