

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076561.D
 Acq On : 07 Feb 2023 12:55
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 08 08:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	584740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	992175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	889361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	401188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	127852	18.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.040%#		
35) Dibromofluoromethane	8.177	113	111926	18.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.300%#		
50) Toluene-d8	10.570	98	422813	18.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.440%#		
62) 4-Bromofluorobenzene	12.853	95	144744	17.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	35.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	129919	21.387	ug/l	99
3) Chloromethane	2.377	50	107841	19.316	ug/l	98
4) Vinyl Chloride	2.530	62	99436	19.397	ug/l	98
5) Bromomethane	2.971	94	75744	19.915	ug/l	98
6) Chloroethane	3.136	64	55076	17.762	ug/l	99
7) Trichlorofluoromethane	3.512	101	184867	18.296	ug/l	97
8) Diethyl Ether	3.977	74	72218	18.875	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.394	101	122061	19.500	ug/l	98
10) Methyl Iodide	4.606	142	180733	19.741	ug/l	99
11) Tert butyl alcohol	5.536	59	85644	95.271	ug/l	100
12) 1,1-Dichloroethene	4.359	96	113394	19.392	ug/l	92
13) Acrolein	4.194	56	111046	92.467	ug/l	100
14) Allyl chloride	5.041	41	157552	20.688	ug/l	93
15) Acrylonitrile	5.736	53	261888	97.082	ug/l	100
16) Acetone	4.447	43	214929	94.457	ug/l	96
17) Carbon Disulfide	4.730	76	295803	19.527	ug/l	98
18) Methyl Acetate	5.041	43	142330	19.770	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	379574	19.518	ug/l	97
20) Methylene Chloride	5.289	84	130449	18.597	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	121262	19.079	ug/l	99
22) Diisopropyl ether	6.688	45	338835	19.631	ug/l	98
23) Vinyl Acetate	6.618	43	1075559	99.277	ug/l	100
24) 1,1-Dichloroethane	6.583	63	215101	19.407	ug/l	99
25) 2-Butanone	7.494	43	321260	98.223	ug/l	99
26) 2,2-Dichloropropane	7.500	77	175945	19.017	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	140684	18.928	ug/l	98
28) Bromochloromethane	7.824	49	87570	19.719	ug/l	99
29) Tetrahydrofuran	7.847	42	208043	98.971	ug/l	99
30) Chloroform	7.971	83	235656	19.599	ug/l	95
31) Cyclohexane	8.265	56	207911	19.060	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	210040	19.495	ug/l	93
36) 1,1-Dichloropropene	8.377	75	168578	19.143	ug/l	99
37) Ethyl Acetate	7.571	43	126729	18.906	ug/l	97
38) Carbon Tetrachloride	8.371	117	183530	19.384	ug/l	96
39) Methylcyclohexane	9.606	83	217743	19.910	ug/l	99
40) Benzene	8.612	78	514435	19.272	ug/l	100

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41) Methacrylonitrile	7.788	41	74721	20.002	ug/l	96
42) 1,2-Dichloroethane	8.677	62	167772	19.304	ug/l	100
43) Isopropyl Acetate	8.694	43	217578	19.819	ug/l	99
44) Trichloroethene	9.359	130	137889	19.344	ug/l	97
45) 1,2-Dichloropropane	9.623	63	126169	19.679	ug/l	93
46) Dibromomethane	9.712	93	87350	18.887	ug/l	98
47) Bromodichloromethane	9.894	83	180732	19.433	ug/l	100
48) Methyl methacrylate	9.682	41	105720	19.581	ug/l	97
49) 1,4-Dioxane	9.700	88	45076	390.284	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	657463	99.646	ug/l	98
52) Toluene	10.635	92	331498	19.243	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	176283	19.617	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	198918	19.412	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	126815	18.795	ug/l	98
56) Ethyl methacrylate	10.876	69	181334	20.081	ug/l	99
57) 1,3-Dichloropropane	11.165	76	211481	19.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	250214	96.960	ug/l	98
59) 2-Hexanone	11.200	43	470204	99.962	ug/l	97
60) Dibromochloromethane	11.359	129	138897	19.534	ug/l	98
61) 1,2-Dibromoethane	11.470	107	129718	19.422	ug/l	100
64) Tetrachloroethene	11.106	164	143492	19.376	ug/l	96
65) Chlorobenzene	11.894	112	346291	18.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	131475	19.304	ug/l	99
67) Ethyl Benzene	11.965	91	630579	19.292	ug/l	99
68) m/p-Xylenes	12.070	106	498320	39.131	ug/l	99
69) o-Xylene	12.400	106	245481	19.685	ug/l	100
70) Styrene	12.412	104	397901	20.062	ug/l	99
71) Bromoform	12.582	173	92103	19.373	ug/l #	100
73) Isopropylbenzene	12.700	105	642236	19.547	ug/l	100
74) N-amyl acetate	12.494	43	179651	19.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	171296	19.021	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155563m	19.597	ug/l	
77) Bromobenzene	12.982	156	143539	18.782	ug/l	99
78) n-propylbenzene	13.041	91	715057	19.765	ug/l	100
79) 2-Chlorotoluene	13.129	91	440354	19.107	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	549465	20.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	46873	19.437	ug/l	96
82) 4-Chlorotoluene	13.129	91	440354	19.107	ug/l	100
83) tert-Butylbenzene	13.441	119	484755	19.847	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	543123	20.014	ug/l	100
85) sec-Butylbenzene	13.617	105	661822	20.094	ug/l	100
86) p-Isopropyltoluene	13.735	119	547601	20.288	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	267033	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	261266	18.285	ug/l	99
89) n-Butylbenzene	14.059	91	417120	19.516	ug/l	100
90) Hexachloroethane	14.335	117	89236	18.980	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	262481	18.927	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30145	19.340	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	113846	17.916	ug/l	98
94) Hexachlorobutadiene	15.505	225	66212	18.530	ug/l	98
95) Naphthalene	15.641	128	343369	18.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109434	17.982	ug/l	98

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

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