

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077626.D
 Acq On : 09 May 2023 11:46
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 09 13:27:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	590127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1066890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	982656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	401184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147869	19.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.520%#		
35) Dibromofluoromethane	8.172	113	133399	20.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.100%#		
50) Toluene-d8	10.572	98	513399	20.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.760%#		
62) 4-Bromofluorobenzene	12.854	95	169045	19.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	141677	21.477	ug/l	97
3) Chloromethane	2.372	50	114349	21.354	ug/l	95
4) Vinyl Chloride	2.519	62	165342	21.011	ug/l	100
5) Bromomethane	2.966	94	130499	20.887	ug/l	98
6) Chloroethane	3.131	64	110408	20.234	ug/l	99
7) Trichlorofluoromethane	3.507	101	213028	17.270	ug/l	98
8) Diethyl Ether	3.972	74	74691	20.597	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.384	101	124425	20.187	ug/l	97
10) Methyl Iodide	4.595	142	179723	19.752	ug/l	97
11) Tert butyl alcohol	5.537	59	91043	103.409	ug/l	97
12) 1,1-Dichloroethene	4.354	96	117579	20.076	ug/l	95
13) Acrolein	4.184	56	76881	90.099	ug/l	98
14) Allyl chloride	5.031	41	113373	19.490	ug/l #	87
15) Acrylonitrile	5.731	53	224008	102.866	ug/l	100
16) Acetone	4.437	43	176505	99.019	ug/l	99
17) Carbon Disulfide	4.725	76	282603	20.066	ug/l	99
18) Methyl Acetate	5.037	43	142054	20.164	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	392557	20.370	ug/l	93
20) Methylene Chloride	5.290	84	142883	19.400	ug/l	89
21) trans-1,2-Dichloroethene	5.790	96	133242	20.113	ug/l	95
22) Diisopropyl ether	6.678	45	284562	19.816	ug/l	96
23) Vinyl Acetate	6.613	43	870960m	106.287	ug/l	
24) 1,1-Dichloroethane	6.578	63	217730	20.001	ug/l	97
25) 2-Butanone	7.489	43	258475	99.502	ug/l	99
26) 2,2-Dichloropropane	7.495	77	201356	20.410	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	155410	19.286	ug/l	97
28) Bromochloromethane	7.819	49	81867	20.611	ug/l	90
29) Tetrahydrofuran	7.848	42	157203	98.518	ug/l	92
30) Chloroform	7.972	83	256449	19.878	ug/l	96
31) Cyclohexane	8.260	56	188029	19.659	ug/l	92
32) 1,1,1-Trichloroethane	8.178	97	235650	19.838	ug/l	98
36) 1,1-Dichloropropene	8.372	75	183644	19.999	ug/l	99
37) Ethyl Acetate	7.572	43	101747	19.378	ug/l	94
38) Carbon Tetrachloride	8.372	117	195788	19.517	ug/l	97
39) Methylcyclohexane	9.601	83	240809	21.125	ug/l	97
40) Benzene	8.607	78	558882	20.119	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	57982	20.212	ug/l	94
42) 1,2-Dichloroethane	8.678	62	184279	19.782	ug/l	99
43) Isopropyl Acetate	8.689	43	189573	20.593	ug/l	95
44) Trichloroethene	9.360	130	144225	19.764	ug/l	97
45) 1,2-Dichloropropane	9.619	63	127541	19.968	ug/l	96
46) Dibromomethane	9.713	93	99886	20.103	ug/l	96
47) Bromodichloromethane	9.889	83	196641	20.263	ug/l	93
48) Methyl methacrylate	9.683	41	86091	19.925	ug/l	95
49) 1,4-Dioxane	9.695	88	51584	401.436	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	564310	104.195	ug/l	97
52) Toluene	10.630	92	376120	20.356	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	198324	20.975	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	213604	19.856	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	142300	19.863	ug/l	98
56) Ethyl methacrylate	10.877	69	189085	20.929	ug/l	92
57) 1,3-Dichloropropane	11.166	76	234985	20.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	370063	91.273	ug/l	96
59) 2-Hexanone	11.195	43	401711	104.947	ug/l	95
60) Dibromochloromethane	11.360	129	146732	20.632	ug/l	98
61) 1,2-Dibromoethane	11.472	107	146077	20.740	ug/l	99
64) Tetrachloroethene	11.107	164	117556	20.101	ug/l	94
65) Chlorobenzene	11.895	112	400894	19.848	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	147611	20.284	ug/l	98
67) Ethyl Benzene	11.966	91	730814	20.609	ug/l	98
68) m/p-Xylenes	12.071	106	583742	41.576	ug/l	99
69) o-Xylene	12.401	106	284181	20.193	ug/l	99
70) Styrene	12.413	104	452827	21.010	ug/l	99
71) Bromoform	12.583	173	88220	19.977	ug/l #	99
73) Isopropylbenzene	12.695	105	731226	20.432	ug/l	97
74) N-amyl acetate	12.495	43	165400	20.942	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	194825	19.802	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	165674m	20.968	ug/l	
77) Bromobenzene	12.983	156	155174	19.578	ug/l	95
78) n-propylbenzene	13.036	91	805840	20.976	ug/l	99
79) 2-Chlorotoluene	13.130	91	491578	20.090	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	592537	21.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	50064	19.255	ug/l	95
82) 4-Chlorotoluene	13.224	91	470519	20.505	ug/l	100
83) tert-Butylbenzene	13.442	119	532392	20.693	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	558800	21.717	ug/l	99
85) sec-Butylbenzene	13.618	105	740761	21.389	ug/l	99
86) p-Isopropyltoluene	13.730	119	583185	21.534	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	283483	20.577	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	274193	20.021	ug/l	98
89) n-Butylbenzene	14.060	91	454152	21.161	ug/l	98
90) Hexachloroethane	14.336	117	104969	20.210	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	277121	20.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33776	19.399	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	78749	16.807	ug/l	97
94) Hexachlorobutadiene	15.507	225	58950	20.144	ug/l	99
95) Naphthalene	15.642	128	270687	16.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	73313	16.744	ug/l	96

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

