

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077624.D
 Acq On : 09 May 2023 10:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 09 13:26:52 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	8.230	168	557008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1023923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	901721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	343265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	39050	5.528	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.060%#		
35) Dibromofluoromethane	8.172	113	33686	5.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.560%#		
50) Toluene-d8	10.571	98	120730	4.993	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.848	95	39271	4.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	32037	5.145	ug/l	94
3) Chloromethane	2.372	50	29697	4.656	ug/l	97
4) Vinyl Chloride	2.525	62	38527	5.187	ug/l	92
5) Bromomethane	2.948	94	34397	5.833	ug/l	100
6) Chloroethane	3.125	64	26845	5.212	ug/l	90
7) Trichlorofluoromethane	3.501	101	66078	5.675	ug/l	85
8) Diethyl Ether	3.978	74	17886	5.225	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	31108	5.347	ug/l	98
10) Methyl Iodide	4.595	142	41173	4.794	ug/l #	88
11) Tert butyl alcohol	5.536	59	21221	25.537	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	27726	5.016	ug/l	96
13) Acrolein	4.184	56	24209	30.058	ug/l	93
14) Allyl chloride	5.031	41	27357	4.983	ug/l #	83
15) Acrylonitrile	5.736	53	52743	25.660	ug/l	94
16) Acetone	4.442	43	42984	25.548	ug/l	89
17) Carbon Disulfide	4.719	76	66653	5.014	ug/l	96
18) Methyl Acetate	5.042	43	35020	5.266	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	93629	5.147	ug/l #	90
20) Methylene Chloride	5.278	84	37003	5.323	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	30736	4.916	ug/l	95
22) Diisopropyl ether	6.689	45	70886	5.230	ug/l	89
23) Vinyl Acetate	6.607	43	195029m	25.215	ug/l	
24) 1,1-Dichloroethane	6.578	63	51876	5.049	ug/l	91
25) 2-Butanone	7.489	43	62831	25.626	ug/l	94
26) 2,2-Dichloropropane	7.501	77	44459	4.774	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	40057	5.266	ug/l	91
28) Bromochloromethane	7.825	49	17821	4.753	ug/l #	5
29) Tetrahydrofuran	7.836	42	38382	25.484	ug/l	95
30) Chloroform	7.966	83	61012	5.010	ug/l	94
31) Cyclohexane	8.266	56	54174	6.001	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	55154	4.919	ug/l #	52
36) 1,1-Dichloropropene	8.372	75	40864	4.637	ug/l	96
37) Ethyl Acetate	7.566	43	25611	5.082	ug/l #	93
38) Carbon Tetrachloride	8.366	117	47502	4.934	ug/l	91
39) Methylcyclohexane	9.607	83	54126	4.948	ug/l	96
40) Benzene	8.607	78	132267	4.961	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	12711	4.617	ug/l #	77
42) 1,2-Dichloroethane	8.672	62	46192	5.167	ug/l	100
43) Isopropyl Acetate	8.695	43	43335	4.905	ug/l	97
44) Trichloroethene	9.354	130	33196	4.740	ug/l	87
45) 1,2-Dichloropropane	9.624	63	32166	5.247	ug/l	98
46) Dibromomethane	9.713	93	24939	5.230	ug/l	99
47) Bromodichloromethane	9.889	83	45299	4.864	ug/l #	97
48) Methyl methacrylate	9.683	41	20970	5.057	ug/l	94
49) 1,4-Dioxane	9.695	88	12565	101.886	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	132806	25.550	ug/l	99
52) Toluene	10.630	92	84152	4.746	ug/l	94
53) t-1,3-Dichloropropene	10.842	75	39829	4.389	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	48651	4.712	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	33938	4.936	ug/l #	82
56) Ethyl methacrylate	10.871	69	39703	4.579	ug/l	95
57) 1,3-Dichloropropane	11.166	76	54452	4.927	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	87272	25.376	ug/l	98
59) 2-Hexanone	11.195	43	93752	25.521	ug/l	99
60) Dibromochloromethane	11.360	129	31776	4.655	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32626	4.827	ug/l	94
64) Tetrachloroethene	11.101	164	25564	4.764	ug/l	90
65) Chlorobenzene	11.889	112	95046	5.128	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.960	131	33031	4.946	ug/l	96
67) Ethyl Benzene	11.965	91	157945	4.854	ug/l	91
68) m/p-Xylenes	12.071	106	126298	9.803	ug/l	98
69) o-Xylene	12.401	106	61165	4.736	ug/l	96
70) Styrene	12.413	104	94639	4.785	ug/l	99
71) Bromoform	12.577	173	17833	4.401	ug/l #	99
73) Isopropylbenzene	12.701	105	156804	5.121	ug/l	99
74) N-amyl acetate	12.501	43	32644	4.830	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	44965	5.341	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	37348m	5.524	ug/l	
77) Bromobenzene	12.983	156	35790	5.277	ug/l	92
78) n-propylbenzene	13.036	91	163869	4.985	ug/l	100
79) 2-Chlorotoluene	13.130	91	105053	5.018	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	111112	4.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	9462	4.253	ug/l #	86
82) 4-Chlorotoluene	13.224	91	96652	4.923	ug/l	96
83) tert-Butylbenzene	13.442	119	107664	4.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	101243	4.599	ug/l	97
85) sec-Butylbenzene	13.618	105	140594	4.744	ug/l	98
86) p-Isopropyltoluene	13.730	119	106539	4.598	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	54634	4.635	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	58768	5.015	ug/l	92
89) n-Butylbenzene	14.059	91	81126	4.418	ug/l	96
90) Hexachloroethane	14.336	117	22752	5.120	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	57092	4.872	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	7329	4.920	ug/l	98
93) 1,2,4-Trichlorobenzene	15.401	180	12865	6.915	ug/l	93
94) Hexachlorobutadiene	15.501	225	12735	5.086	ug/l	90
95) Naphthalene	15.642	128	34154	6.523	ug/l	96
96) 1,2,3-Trichlorobenzene	15.836	180	12037	6.849	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

