

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080780.D
 Acq On : 29 Jan 2024 09:50
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 10:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:57:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	250997	91.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 183.120%#			
35) Dibromofluoromethane	8.165	113	180225	101.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.560%#			
50) Toluene-d8	10.565	98	723551	106.633	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 213.260%#			
62) 4-Bromofluorobenzene	12.853	95	255482	98.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.360%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	213360	84.127	ug/l	99
3) Chloromethane	2.359	50	317356	94.652	ug/l	100
4) Vinyl Chloride	2.512	62	236760	102.894	ug/l	95
5) Bromomethane	2.930	94	87812	100.404	ug/l	98
6) Chloroethane	3.112	64	132066	93.863	ug/l	93
7) Trichlorofluoromethane	3.489	101	312888	82.340	ug/l	94
8) Diethyl Ether	3.953	74	152257	91.684	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	187273	90.421	ug/l	98
10) Methyl Iodide	4.583	142	158207	91.352	ug/l	96
11) Tert butyl alcohol	5.518	59	196398	423.617	ug/l	99
12) 1,1-Dichloroethene	4.336	96	202357	86.823	ug/l	97
13) Acrolein	4.171	56	254553	657.117	ug/l	100
14) Allyl chloride	5.018	41	396737	85.871	ug/l	98
15) Acrylonitrile	5.718	53	623894	515.327	ug/l	99
16) Acetone	4.424	43	436063	484.505	ug/l	100
17) Carbon Disulfide	4.706	76	626147	87.836	ug/l	97
18) Methyl Acetate	5.018	43	313384	116.931	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	709863	88.388	ug/l	100
20) Methylene Chloride	5.271	84	235111	89.484	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	218422	92.393	ug/l	90
22) Diisopropyl ether	6.671	45	889907	102.144	ug/l	99
23) Vinyl Acetate	6.600	43	3502297	493.908	ug/l	99
24) 1,1-Dichloroethane	6.565	63	458956	96.236	ug/l	98
25) 2-Butanone	7.477	43	836095	513.931	ug/l	99
26) 2,2-Dichloropropane	7.488	77	377847	90.591	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	254094	97.500	ug/l	99
28) Bromochloromethane	7.812	49	218550	98.024	ug/l	98
29) Tetrahydrofuran	7.835	42	575726	525.039	ug/l	99
30) Chloroform	7.965	83	412544	92.273	ug/l	98
31) Cyclohexane	8.259	56	414571	97.884	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	346276	87.009	ug/l	97
36) 1,1-Dichloropropene	8.371	75	335658	92.082	ug/l	98
37) Ethyl Acetate	7.559	43	355217	100.493	ug/l	98
38) Carbon Tetrachloride	8.365	117	280231	85.620	ug/l	97
39) Methylcyclohexane	9.600	83	339469	97.315	ug/l	99
40) Benzene	8.606	78	1001291	97.711	ug/l	93

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41) Methacrylonitrile	7.783	41	195943	95.566	ug/l	97
42) 1,2-Dichloroethane	8.671	62	330307	84.196	ug/l	100
43) Isopropyl Acetate	8.688	43	624714	96.148	ug/l	99
44) Trichloroethene	9.353	130	208873	90.037	ug/l	98
45) 1,2-Dichloropropane	9.624	63	275965	101.578	ug/l	92
46) Dibromomethane	9.712	93	159092	92.556	ug/l	98
47) Bromodichloromethane	9.888	83	325080	85.209	ug/l #	99
48) Methyl methacrylate	9.682	41	293236	95.324	ug/l	99
49) 1,4-Dioxane	9.694	88	72299	1886.251	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1801501	513.943	ug/l	99
52) Toluene	10.635	92	584161	99.495	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	396398	93.611	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	434142	96.678	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	215290	95.267	ug/l	98
56) Ethyl methacrylate	10.876	69	392756	97.032	ug/l	97
57) 1,3-Dichloropropane	11.165	76	409041	99.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1057492	545.456	ug/l	100
59) 2-Hexanone	11.194	43	1396099	539.527	ug/l	99
60) Dibromochloromethane	11.365	129	216850	93.367	ug/l	97
61) 1,2-Dibromoethane	11.471	107	211077	95.016	ug/l	96
64) Tetrachloroethene	11.106	164	166950	91.767	ug/l	92
65) Chlorobenzene	11.894	112	559484	96.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	190082	92.498	ug/l	100
67) Ethyl Benzene	11.965	91	1071932	96.990	ug/l	100
68) m/p-Xylenes	12.070	106	773445	199.056	ug/l	99
69) o-Xylene	12.400	106	375787	98.913	ug/l	98
70) Styrene	12.412	104	632562	98.052	ug/l	99
71) Bromoform	12.576	173	135293	95.697	ug/l #	99
73) Isopropylbenzene	12.700	105	938975	91.277	ug/l	99
74) N-amyl acetate	12.494	43	567713	91.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	310387	91.981	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	324688m	97.334	ug/l	
77) Bromobenzene	12.982	156	192090	87.914	ug/l	97
78) n-propylbenzene	13.035	91	1176840	93.256	ug/l	98
79) 2-Chlorotoluene	13.129	91	691903	85.554	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	769676	89.777	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	127271m	89.942	ug/l	
82) 4-Chlorotoluene	13.223	91	699731	88.257	ug/l	99
83) tert-Butylbenzene	13.441	119	603779	88.095	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	765580	90.815	ug/l	99
85) sec-Butylbenzene	13.617	105	903499	92.780	ug/l	98
86) p-Isopropyltoluene	13.729	119	701239	91.177	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	349433	89.538	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	346258	87.092	ug/l	99
89) n-Butylbenzene	14.059	91	704488	95.031	ug/l	99
90) Hexachloroethane	14.335	117	125565	88.035	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	331884	90.248	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57858	68.876	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	172524	90.079	ug/l	99
94) Hexachlorobutadiene	15.500	225	73276	79.722	ug/l	97
95) Naphthalene	15.641	128	647025	85.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	165122	89.069	ug/l	99

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

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