

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083564.D
 Acq On : 30 Aug 2024 08:54
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 31 00:31:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	208247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	299390	102.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 205.740%#			
35) Dibromofluoromethane	8.165	113	219584	102.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.960%#			
50) Toluene-d8	10.565	98	839296	99.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.600%#			
62) 4-Bromofluorobenzene	12.847	95	316597	102.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 205.840%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	230202	104.448	ug/l	98
3) Chloromethane	2.360	50	244728	95.321	ug/l	99
4) Vinyl Chloride	2.518	62	253249	98.561	ug/l	98
5) Bromomethane	2.907	94	124896	92.464	ug/l	95
6) Chloroethane	3.077	64	162212	96.610	ug/l	98
7) Trichlorofluoromethane	3.471	101	423532	100.093	ug/l	98
8) Diethyl Ether	3.954	74	151766	100.331	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	238716	104.026	ug/l	99
10) Methyl Iodide	4.577	142	315876	101.760	ug/l	98
11) Tert butyl alcohol	5.536	59	212175	467.560	ug/l	99
12) 1,1-Dichloroethene	4.330	96	226289	99.190	ug/l	98
13) Acrolein	4.177	56	198194	461.645	ug/l	99
14) Allyl chloride	5.012	41	406962	100.051	ug/l	100
15) Acrylonitrile	5.718	53	555909	496.738	ug/l	100
16) Acetone	4.424	43	659046	567.833	ug/l	99
17) Carbon Disulfide	4.701	76	623282	93.751	ug/l	100
18) Methyl Acetate	5.018	43	258749	83.793	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	823550	101.768	ug/l	99
20) Methylene Chloride	5.265	84	246591	96.211	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	234267	98.581	ug/l	94
22) Diisopropyl ether	6.671	45	829657	103.442	ug/l	98
23) Vinyl Acetate	6.600	43	3189108	536.542	ug/l	99
24) 1,1-Dichloroethane	6.565	63	460906	100.770	ug/l	100
25) 2-Butanone	7.483	43	815050	515.777	ug/l	98
26) 2,2-Dichloropropane	7.483	77	448077	105.221	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	288915	101.885	ug/l	100
28) Bromochloromethane	7.812	49	202994	95.041	ug/l	98
29) Tetrahydrofuran	7.836	42	491877	501.822	ug/l	99
30) Chloroform	7.965	83	489388	101.557	ug/l	97
31) Cyclohexane	8.253	56	415034	92.187	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	456065	104.663	ug/l	98
36) 1,1-Dichloropropene	8.365	75	344504	105.922	ug/l	99
37) Ethyl Acetate	7.559	43	320603	99.047	ug/l	99
38) Carbon Tetrachloride	8.359	117	396307	106.796	ug/l	100
39) Methylcyclohexane	9.600	83	435025	111.465	ug/l	99
40) Benzene	8.600	78	1031702	103.117	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	188211	101.893	ug/l	99
42) 1,2-Dichloroethane	8.671	62	380127	102.495	ug/l	100
43) Isopropyl Acetate	8.689	43	651722	101.532	ug/l	98
44) Trichloroethene	9.347	130	243055	100.987	ug/l	97
45) 1,2-Dichloropropane	9.618	63	246827	105.903	ug/l	99
46) Dibromomethane	9.706	93	176924	102.895	ug/l	98
47) Bromodichloromethane	9.888	83	388968	106.269	ug/l	99
48) Methyl methacrylate	9.677	41	273498	103.016	ug/l	98
49) 1,4-Dioxane	9.700	88	81471	1872.767	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1560112	518.431	ug/l	100
52) Toluene	10.630	92	660049	105.483	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	413574	109.147	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	428877	107.834	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	234534	105.012	ug/l	97
56) Ethyl methacrylate	10.871	69	410162	111.012	ug/l	98
57) 1,3-Dichloropropane	11.165	76	406084	102.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	892784	556.105	ug/l	99
59) 2-Hexanone	11.194	43	1193094	528.292	ug/l	100
60) Dibromochloromethane	11.359	129	280842	108.522	ug/l	100
61) 1,2-Dibromoethane	11.471	107	241296	105.749	ug/l	98
64) Tetrachloroethene	11.100	164	209100	102.806	ug/l	98
65) Chlorobenzene	11.888	112	680424	98.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	243933	104.112	ug/l	99
67) Ethyl Benzene	11.965	91	1292958	104.378	ug/l	100
68) m/p-Xylenes	12.071	106	959579	205.631	ug/l	100
69) o-Xylene	12.400	106	469015	103.989	ug/l	97
70) Styrene	12.412	104	783481	103.314	ug/l	100
71) Bromoform	12.577	173	179139	107.343	ug/l #	100
73) Isopropylbenzene	12.694	105	1236306	102.967	ug/l	99
74) N-amyl acetate	12.494	43	517748	99.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	323199	94.818	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	279647m	89.065	ug/l	
77) Bromobenzene	12.976	156	266176	94.492	ug/l	99
78) n-propylbenzene	13.035	91	1454165	104.752	ug/l	100
79) 2-Chlorotoluene	13.124	91	863672	96.012	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1026779	101.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	131027	103.182	ug/l	99
82) 4-Chlorotoluene	13.218	91	866293	94.796	ug/l	100
83) tert-Butylbenzene	13.435	119	904814	100.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1033589	101.520	ug/l	100
85) sec-Butylbenzene	13.618	105	1242245	103.931	ug/l	100
86) p-Isopropyltoluene	13.729	119	1047613	104.937	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	507001	92.718	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	504143	89.729	ug/l	99
89) n-Butylbenzene	14.053	91	927761	105.649	ug/l	99
90) Hexachloroethane	14.329	117	201565	103.727	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	509435	96.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	70672	95.599	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	289892	97.079	ug/l	98
94) Hexachlorobutadiene	15.500	225	118813	99.354	ug/l	100
95) Naphthalene	15.641	128	907517	94.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	271347	90.964	ug/l	98

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

