

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083565.D
 Acq On : 30 Aug 2024 09:18
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 00:32:44 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145191	52.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.165	113	105888	51.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.565	98	405553	50.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.847	95	156346	52.492	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110930	53.358	ug/l	100
3) Chloromethane	2.359	50	114446	47.257	ug/l	100
4) Vinyl Chloride	2.512	62	121536	50.145	ug/l	100
5) Bromomethane	2.900	94	58179	45.662	ug/l	100
6) Chloroethane	3.077	64	78884	49.807	ug/l	100
7) Trichlorofluoromethane	3.471	101	199862	50.074	ug/l	100
8) Diethyl Ether	3.959	74	71792	50.315	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	111301	51.419	ug/l	100
10) Methyl Iodide	4.577	142	146135	49.909	ug/l	100
11) Tert butyl alcohol	5.530	59	101136	236.271	ug/l	100
12) 1,1-Dichloroethene	4.324	96	105852	49.189	ug/l	100
13) Acrolein	4.177	56	93194	230.127	ug/l	100
14) Allyl chloride	5.012	41	190393	49.623	ug/l	100
15) Acrylonitrile	5.718	53	261862	248.061	ug/l	100
16) Acetone	4.424	43	283674	259.111	ug/l	100
17) Carbon Disulfide	4.700	76	297161	47.386	ug/l	100
18) Methyl Acetate	5.024	43	130059	44.651	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	379898	49.768	ug/l	100
20) Methylene Chloride	5.271	84	116109	48.026	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	109255	48.740	ug/l	100
22) Diisopropyl ether	6.671	45	381682	50.450	ug/l	100
23) Vinyl Acetate	6.600	43	1430499	255.143	ug/l	100
24) 1,1-Dichloroethane	6.565	63	212689	49.298	ug/l	100
25) 2-Butanone	7.483	43	368868	247.463	ug/l	100
26) 2,2-Dichloropropane	7.488	77	211546	52.664	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	134857	50.417	ug/l	100
28) Bromochloromethane	7.812	49	96952	48.122	ug/l	100
29) Tetrahydrofuran	7.835	42	227795	246.376	ug/l	100
30) Chloroform	7.965	83	224869	49.471	ug/l	100
31) Cyclohexane	8.253	56	197250	46.448	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	212026	51.584	ug/l	100
36) 1,1-Dichloropropene	8.371	75	159257	50.569	ug/l	100
37) Ethyl Acetate	7.559	43	153081	48.842	ug/l	100
38) Carbon Tetrachloride	8.359	117	182741	50.858	ug/l	100
39) Methylcyclohexane	9.600	83	200310	53.006	ug/l	100
40) Benzene	8.606	78	486700	50.238	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	85958	48.060	ug/l	100
42) 1,2-Dichloroethane	8.671	62	176565	49.167	ug/l	100
43) Isopropyl Acetate	8.688	43	289772	45.974	ug/l	100
44) Trichloroethene	9.347	130	113291	48.613	ug/l	100
45) 1,2-Dichloropropane	9.618	63	117186	51.926	ug/l	100
46) Dibromomethane	9.706	93	82828	49.748	ug/l	100
47) Bromodichloromethane	9.888	83	177908	50.198	ug/l	100
48) Methyl methacrylate	9.677	41	128457	49.969	ug/l	100
49) 1,4-Dioxane	9.694	88	43430	1031.018	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	721605	247.646	ug/l	100
52) Toluene	10.629	92	310466	51.241	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	192197	52.384	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	201718	52.380	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	109695	50.724	ug/l	100
56) Ethyl methacrylate	10.871	69	185957	51.979	ug/l	100
57) 1,3-Dichloropropane	11.159	76	192730	50.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	410878	264.313	ug/l	100
59) 2-Hexanone	11.194	43	549608	251.332	ug/l	100
60) Dibromochloromethane	11.359	129	129239	51.576	ug/l	100
61) 1,2-Dibromoethane	11.471	107	112246	50.804	ug/l	100
64) Tetrachloroethene	11.100	164	96174	49.975	ug/l	100
65) Chlorobenzene	11.888	112	319806	48.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113592	51.240	ug/l	100
67) Ethyl Benzene	11.965	91	595548	50.813	ug/l	100
68) m/p-Xylenes	12.070	106	446066	101.028	ug/l	100
69) o-Xylene	12.394	106	216620	50.761	ug/l	100
70) Styrene	12.412	104	368366	51.338	ug/l	100
71) Bromoform	12.576	173	83028	52.582	ug/l #	100
73) Isopropylbenzene	12.694	105	576204	49.883	ug/l	100
74) N-amyl acetate	12.494	43	240216	47.912	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	154792	47.203	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	134271m	44.451	ug/l	
77) Bromobenzene	12.982	156	126964	46.850	ug/l	100
78) n-propylbenzene	13.035	91	664358	49.745	ug/l	100
79) 2-Chlorotoluene	13.123	91	409572	47.327	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	485429	49.885	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	59652	48.828	ug/l	100
82) 4-Chlorotoluene	13.223	91	415580	47.270	ug/l	100
83) tert-Butylbenzene	13.435	119	432770	50.023	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	489876	50.014	ug/l	100
85) sec-Butylbenzene	13.617	105	583695	50.761	ug/l	100
86) p-Isopropyltoluene	13.729	119	489323	50.948	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	245584	46.683	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	244883	45.305	ug/l	100
89) n-Butylbenzene	14.053	91	428052	50.668	ug/l	100
90) Hexachloroethane	14.329	117	93353	49.935	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	241450	47.660	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34097	47.943	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	134077	46.671	ug/l	100
94) Hexachlorobutadiene	15.500	225	55546	48.281	ug/l	100
95) Naphthalene	15.641	128	441376	47.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	131844	45.942	ug/l	100

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

