

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083587.D
 Acq On : 30 Aug 2024 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 02:44:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142377	56.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.540%			
35) Dibromofluoromethane	8.165	113	103584	53.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	10.565	98	389543	51.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	154124	55.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92251	48.148	ug/l	98
3) Chloromethane	2.359	50	100737	45.135	ug/l	98
4) Vinyl Chloride	2.512	62	104985	47.000	ug/l	99
5) Bromomethane	2.901	94	54017	46.002	ug/l	92
6) Chloroethane	3.071	64	66546	45.591	ug/l	96
7) Trichlorofluoromethane	3.465	101	173376	47.133	ug/l	96
8) Diethyl Ether	3.959	74	61735	46.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	92604	46.420	ug/l	98
10) Methyl Iodide	4.577	142	125854	46.638	ug/l	94
11) Tert butyl alcohol	5.536	59	88294	223.816	ug/l	99
12) 1,1-Dichloroethene	4.324	96	92726	46.754	ug/l	97
13) Acrolein	4.177	56	89238	239.102	ug/l	99
14) Allyl chloride	5.012	41	163791	46.320	ug/l	99
15) Acrylonitrile	5.718	53	236515	243.108	ug/l	99
16) Acetone	4.430	43	198943	197.174	ug/l	99
17) Carbon Disulfide	4.700	76	246505	42.652	ug/l	100
18) Methyl Acetate	5.024	43	115015	42.863	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	337532	47.979	ug/l	100
20) Methylene Chloride	5.271	84	103401	46.408	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	94901	45.938	ug/l	96
22) Diisopropyl ether	6.671	45	335479	48.115	ug/l	100
23) Vinyl Acetate	6.600	43	1278782	247.484	ug/l	100
24) 1,1-Dichloroethane	6.565	63	189403	47.634	ug/l	98
25) 2-Butanone	7.483	43	308723	224.731	ug/l	98
26) 2,2-Dichloropropane	7.489	77	143588	38.787	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	117045	47.480	ug/l	97
28) Bromochloromethane	7.812	49	84109	45.299	ug/l	99
29) Tetrahydrofuran	7.836	42	206706	242.584	ug/l	99
30) Chloroform	7.965	83	200441	47.847	ug/l	99
31) Cyclohexane	8.253	56	172353	44.037	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	186152	49.142	ug/l	98
36) 1,1-Dichloropropene	8.371	75	139178	47.347	ug/l	99
37) Ethyl Acetate	7.559	43	135843	46.435	ug/l	99
38) Carbon Tetrachloride	8.359	117	162991	48.598	ug/l	96
39) Methylcyclohexane	9.600	83	168127	47.664	ug/l	98
40) Benzene	8.606	78	426719	47.190	ug/l	99

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41) Methacrylonitrile	7.777	41	78058	46.757	ug/l	98
42) 1,2-Dichloroethane	8.665	62	159532	47.594	ug/l	100
43) Isopropyl Acetate	8.688	43	254104	43.121	ug/l	99
44) Trichloroethene	9.347	130	97899	45.006	ug/l	97
45) 1,2-Dichloropropane	9.618	63	101456	48.164	ug/l	98
46) Dibromomethane	9.706	93	73105	47.042	ug/l	99
47) Bromodichloromethane	9.888	83	161005	48.670	ug/l	99
48) Methyl methacrylate	9.677	41	116314	48.474	ug/l	98
49) 1,4-Dioxane	9.700	88	36756	934.844	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	660642	242.902	ug/l	98
52) Toluene	10.630	92	269706	47.690	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	158940	46.411	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	167529	46.606	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	97172	48.140	ug/l	98
56) Ethyl methacrylate	10.877	69	167500	50.160	ug/l	99
57) 1,3-Dichloropropane	11.165	76	169766	47.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	348703	240.323	ug/l	99
59) 2-Hexanone	11.194	43	487302	238.741	ug/l	99
60) Dibromochloromethane	11.359	129	111882	47.835	ug/l	100
61) 1,2-Dibromoethane	11.471	107	99666	48.329	ug/l	97
64) Tetrachloroethene	11.100	164	84583	45.393	ug/l	98
65) Chlorobenzene	11.894	112	278708	43.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	100238	46.699	ug/l	99
67) Ethyl Benzene	11.965	91	517963	45.642	ug/l	99
68) m/p-Xylenes	12.071	106	384844	90.019	ug/l	100
69) o-Xylene	12.400	106	187036	45.265	ug/l	99
70) Styrene	12.412	104	316715	45.587	ug/l	99
71) Bromoform	12.576	173	73299	47.942	ug/l #	99
73) Isopropylbenzene	12.694	105	497130	41.872	ug/l	100
74) N-amyl acetate	12.494	43	216250	41.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	140240	41.608	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	121294m	40.955	ug/l	
77) Bromobenzene	12.982	156	111332	39.969	ug/l	99
78) n-propylbenzene	13.035	91	566745	41.287	ug/l	100
79) 2-Chlorotoluene	13.123	91	360587	40.538	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	413685	41.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	48080	38.290	ug/l	98
82) 4-Chlorotoluene	13.223	91	354318	39.210	ug/l	99
83) tert-Butylbenzene	13.435	119	369400	41.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	421359	41.854	ug/l	100
85) sec-Butylbenzene	13.618	105	491321	41.570	ug/l	99
86) p-Isopropyltoluene	13.729	119	412395	41.776	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	206542	38.198	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	206622	37.190	ug/l	100
89) n-Butylbenzene	14.053	91	344913	39.721	ug/l	99
90) Hexachloroethane	14.335	117	80598	41.945	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	207253	39.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30279	41.422	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105729	35.807	ug/l	99
94) Hexachlorobutadiene	15.500	225	43267	36.590	ug/l	100
95) Naphthalene	15.641	128	354243	37.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	105131	35.642	ug/l	100

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

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