

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083571.D
 Acq On : 30 Aug 2024 13:06
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN083024

Quant Time: Aug 31 00:53:12 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

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	181565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134527	53.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.165	113	98316	52.533	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.565	98	372373	51.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.847	95	147137	54.500	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109001	56.724	ug/l	99
3) Chloromethane	2.359	50	113538	50.722	ug/l	100
4) Vinyl Chloride	2.512	62	118047	52.694	ug/l	98
5) Bromomethane	2.901	94	61708	52.398	ug/l	91
6) Chloroethane	3.077	64	73168	49.981	ug/l	93
7) Trichlorofluoromethane	3.471	101	197639	53.572	ug/l	100
8) Diethyl Ether	3.953	74	70784	53.671	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	110772	55.365	ug/l	99
10) Methyl Iodide	4.577	142	146567	54.155	ug/l	95
11) Tert butyl alcohol	5.536	59	104081	263.064	ug/l	98
12) 1,1-Dichloroethene	4.336	96	105483	53.031	ug/l	88
13) Acrolein	4.177	56	81406	217.481	ug/l	97
14) Allyl chloride	5.018	41	187204	52.787	ug/l	99
15) Acrylonitrile	5.718	53	261019	267.512	ug/l	99
16) Acetone	4.424	43	296704	293.207	ug/l	98
17) Carbon Disulfide	4.700	76	287572	49.612	ug/l	99
18) Methyl Acetate	5.018	43	124054	46.097	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	383047	54.290	ug/l	100
20) Methylene Chloride	5.265	84	115104	51.509	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	109441	52.821	ug/l	95
22) Diisopropyl ether	6.671	45	380525	54.416	ug/l	99
23) Vinyl Acetate	6.600	43	1455778	280.916	ug/l	99
24) 1,1-Dichloroethane	6.565	63	213200	53.463	ug/l	99
25) 2-Butanone	7.483	43	381294	276.748	ug/l	97
26) 2,2-Dichloropropane	7.488	77	211616	56.996	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	133909	54.162	ug/l	99
28) Bromochloromethane	7.812	49	88242	47.386	ug/l	99
29) Tetrahydrofuran	7.841	42	229367	268.392	ug/l	99
30) Chloroform	7.965	83	227273	54.094	ug/l	99
31) Cyclohexane	8.253	56	193174	49.213	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	210579	55.428	ug/l	100
36) 1,1-Dichloropropene	8.371	75	158335	55.466	ug/l	99
37) Ethyl Acetate	7.559	43	154298	54.311	ug/l	99
38) Carbon Tetrachloride	8.359	117	185172	56.853	ug/l	99
39) Methylcyclohexane	9.600	83	200274	58.466	ug/l	98
40) Benzene	8.606	78	483499	55.059	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87318	53.859	ug/l	99
42) 1,2-Dichloroethane	8.671	62	178841	54.941	ug/l	99
43) Isopropyl Acetate	8.688	43	306036	53.769	ug/l	99
44) Trichloroethene	9.353	130	111810	52.930	ug/l	90
45) 1,2-Dichloropropane	9.618	63	114887	56.162	ug/l	98
46) Dibromomethane	9.706	93	83816	55.538	ug/l	100
47) Bromodichloromethane	9.888	83	180064	56.050	ug/l	97
48) Methyl methacrylate	9.682	41	132434	56.834	ug/l	98
49) 1,4-Dioxane	9.694	88	43483	1138.826	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	746470	282.621	ug/l	99
52) Toluene	10.629	92	307632	56.014	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	188956	56.817	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	200388	57.405	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	109473	55.847	ug/l	99
56) Ethyl methacrylate	10.876	69	189111	58.316	ug/l	98
57) 1,3-Dichloropropane	11.165	76	194103	55.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	385334	273.467	ug/l	99
59) 2-Hexanone	11.194	43	570760	287.945	ug/l	100
60) Dibromochloromethane	11.359	129	132301	58.247	ug/l	97
61) 1,2-Dibromoethane	11.471	107	113345	56.596	ug/l	100
64) Tetrachloroethene	11.100	164	98579	54.577	ug/l	98
65) Chlorobenzene	11.894	112	319080	51.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	115419	55.472	ug/l	99
67) Ethyl Benzene	11.965	91	603839	54.892	ug/l	99
68) m/p-Xylenes	12.070	106	448647	108.262	ug/l	100
69) o-Xylene	12.400	106	218214	54.481	ug/l	100
70) Styrene	12.412	104	364771	54.164	ug/l	99
71) Bromoform	12.576	173	84173	56.796	ug/l #	99
73) Isopropylbenzene	12.694	105	580539	51.029	ug/l	100
74) N-amyl acetate	12.494	43	244813	49.578	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	153861	47.639	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	137245m	48.362	ug/l	
77) Bromobenzene	12.982	156	129207	48.409	ug/l	98
78) n-propylbenzene	13.035	91	673563	51.208	ug/l	100
79) 2-Chlorotoluene	13.123	91	422741	49.598	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	492268	51.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	58065	48.258	ug/l	86
82) 4-Chlorotoluene	13.223	91	419853	48.488	ug/l	100
83) tert-Butylbenzene	13.441	119	432018	50.702	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	494105	51.220	ug/l	99
85) sec-Butylbenzene	13.617	105	591527	52.231	ug/l	99
86) p-Isopropyltoluene	13.729	119	497073	52.549	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	246128	47.504	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	246066	46.220	ug/l	99
89) n-Butylbenzene	14.059	91	435461	52.335	ug/l	100
90) Hexachloroethane	14.335	117	94416	51.279	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	244491	49.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35559	50.765	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	136796	48.348	ug/l	99
94) Hexachlorobutadiene	15.500	225	55122	48.648	ug/l	97
95) Naphthalene	15.641	128	437090	48.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	132729	46.960	ug/l	100

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

