

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083743.D
 Acq On : 10 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 01:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146624	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	103536	53.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.565	98	387600	57.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.900%#			
62) 4-Bromofluorobenzene	12.847	95	148654	53.401	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	103740	51.728	ug/l	99
3) Chloromethane	2.359	50	107608	52.642	ug/l	99
4) Vinyl Chloride	2.512	62	113364	51.571	ug/l	97
5) Bromomethane	2.906	94	61931	49.070	ug/l	98
6) Chloroethane	3.083	64	74441	48.814	ug/l	100
7) Trichlorofluoromethane	3.471	101	183864	49.276	ug/l	98
8) Diethyl Ether	3.953	74	63376	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	101147	51.143	ug/l	97
10) Methyl Iodide	4.577	142	131056	52.103	ug/l	96
11) Tert butyl alcohol	5.530	59	87546	251.078	ug/l	99
12) 1,1-Dichloroethene	4.330	96	96478	51.654	ug/l	93
13) Acrolein	4.171	56	89867	261.217	ug/l	98
14) Allyl chloride	5.018	41	172508	51.834	ug/l	99
15) Acrylonitrile	5.718	53	237803	250.783	ug/l	99
16) Acetone	4.430	43	256758	245.978	ug/l	100
17) Carbon Disulfide	4.700	76	264217	50.571	ug/l	100
18) Methyl Acetate	5.024	43	115167	53.068	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	346063	51.202	ug/l	98
20) Methylene Chloride	5.271	84	105124	49.214	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	100281	50.098	ug/l	93
22) Diisopropyl ether	6.671	45	354685	51.771	ug/l	98
23) Vinyl Acetate	6.600	43	1334972	266.082	ug/l	99
24) 1,1-Dichloroethane	6.559	63	197743	50.099	ug/l	99
25) 2-Butanone	7.483	43	339457	247.428	ug/l	100
26) 2,2-Dichloropropane	7.483	77	188830	51.949	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	123764	52.085	ug/l	99
28) Bromochloromethane	7.812	49	90626	54.522	ug/l	98
29) Tetrahydrofuran	7.836	42	208523	257.049	ug/l	97
30) Chloroform	7.959	83	210873	50.323	ug/l	96
31) Cyclohexane	8.253	56	175569	46.653	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	196328	50.954	ug/l	100
36) 1,1-Dichloropropene	8.371	75	143931	48.996	ug/l	100
37) Ethyl Acetate	7.559	43	139729	52.402	ug/l	98
38) Carbon Tetrachloride	8.359	117	171174	51.362	ug/l	97
39) Methylcyclohexane	9.600	83	174544	52.200	ug/l	99
40) Benzene	8.600	78	439364	49.691	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80473	51.026	ug/l	99
42) 1,2-Dichloroethane	8.671	62	166416	50.370	ug/l	99
43) Isopropyl Acetate	8.688	43	242653	50.218	ug/l	97
44) Trichloroethene	9.353	130	103614	50.604	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106419	49.798	ug/l	98
46) Dibromomethane	9.706	93	77488	51.768	ug/l	98
47) Bromodichloromethane	9.888	83	167396	51.674	ug/l	99
48) Methyl methacrylate	9.677	41	115324	50.305	ug/l	98
49) 1,4-Dioxane	9.694	88	36620	971.017	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	675474	256.804	ug/l	98
52) Toluene	10.629	92	276845	51.189	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	170271	51.855	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	178747	51.823	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	100040	49.547	ug/l	98
56) Ethyl methacrylate	10.871	69	169686	54.624	ug/l	99
57) 1,3-Dichloropropane	11.159	76	175459	50.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	264081	235.930	ug/l	99
59) 2-Hexanone	11.194	43	501507	257.751	ug/l	99
60) Dibromochloromethane	11.359	129	119533	52.899	ug/l #	10
61) 1,2-Dibromoethane	11.465	107	101248	50.281	ug/l	100
64) Tetrachloroethene	11.100	164	85484	48.327	ug/l	98
65) Chlorobenzene	11.888	112	290168	49.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	104718	51.096	ug/l	99
67) Ethyl Benzene	11.965	91	539737	51.395	ug/l	99
68) m/p-Xylenes	12.071	106	401299	102.926	ug/l	99
69) o-Xylene	12.394	106	196721	52.119	ug/l	98
70) Styrene	12.412	104	330888	53.417	ug/l	99
71) Bromoform	12.576	173	74017	53.596	ug/l #	99
73) Isopropylbenzene	12.694	105	519478	52.691	ug/l	100
74) N-amyl acetate	12.494	43	221603	52.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	139525	48.166	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	120040m	46.684	ug/l	
77) Bromobenzene	12.976	156	114527	48.259	ug/l	98
78) n-propylbenzene	13.035	91	606410	52.864	ug/l	99
79) 2-Chlorotoluene	13.123	91	368645	50.391	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	435677	52.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	52353	53.325	ug/l	97
82) 4-Chlorotoluene	13.223	91	375734	51.180	ug/l	99
83) tert-Butylbenzene	13.435	119	384034	52.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	443899	53.164	ug/l	100
85) sec-Butylbenzene	13.617	105	520441	53.962	ug/l	100
86) p-Isopropyltoluene	13.729	119	439355	54.344	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	221915	49.548	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	221827	48.914	ug/l	99
89) n-Butylbenzene	14.053	91	382538	52.700	ug/l	100
90) Hexachloroethane	14.329	117	81825	50.348	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	215156	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30218	52.330	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	118780	51.209	ug/l	98
94) Hexachlorobutadiene	15.500	225	47681	48.405	ug/l	99
95) Naphthalene	15.635	128	384390	54.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	114047	51.447	ug/l	98

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

