

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085115.D
 Acq On : 05 Dec 2024 17:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2024
 Supervised By : Mahesh Dadoda 12/06/2024

Quant Time: Dec 06 00:49:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107253	45.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.620%		
35) Dibromofluoromethane	8.165	113	87812	48.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.740%		
50) Toluene-d8	10.565	98	308157	47.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.847	95	117917	48.969	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81946	44.094	ug/l	97
3) Chloromethane	2.359	50	90308	41.897	ug/l	99
4) Vinyl Chloride	2.512	62	93467	48.252	ug/l	100
5) Bromomethane	2.948	94	57947	53.372	ug/l	97
6) Chloroethane	3.118	64	59717	45.737	ug/l	97
7) Trichlorofluoromethane	3.495	101	167305	50.773	ug/l	98
8) Diethyl Ether	3.959	74	60220	53.694	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	96167	51.456	ug/l	99
10) Methyl Iodide	4.583	142	125868	50.880	ug/l	94
11) Tert butyl alcohol	5.518	59	82309	263.096	ug/l	97
12) 1,1-Dichloroethene	4.342	96	91228	52.296	ug/l	96
13) Acrolein	4.177	56	51424	246.338	ug/l	100
14) Allyl chloride	5.018	41	134382	45.696	ug/l	91
15) Acrylonitrile	5.712	53	248851	280.959	ug/l	99
16) Acetone	4.424	43	200139	293.535	ug/l	99
17) Carbon Disulfide	4.706	76	246567	47.886	ug/l	100
18) Methyl Acetate	5.024	43	118183	54.330	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	311675	54.683	ug/l	99
20) Methylene Chloride	5.271	84	104553	50.252	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	96115	52.357	ug/l	95
22) Diisopropyl ether	6.671	45	315337	53.277	ug/l	98
23) Vinyl Acetate	6.600	43	1163407	284.921	ug/l	97
24) 1,1-Dichloroethane	6.565	63	183732	51.873	ug/l	100
25) 2-Butanone	7.477	43	320303	287.338	ug/l	99
26) 2,2-Dichloropropane	7.483	77	173377	52.421	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	118283	53.447	ug/l	98
28) Bromochloromethane	7.812	49	61767	46.197	ug/l	95
29) Tetrahydrofuran	7.836	42	208378	300.598	ug/l	100
30) Chloroform	7.965	83	196451	52.141	ug/l	96
31) Cyclohexane	8.253	56	152344	48.851	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	181297	53.249	ug/l	98
36) 1,1-Dichloropropene	8.365	75	133155	54.715	ug/l	98
37) Ethyl Acetate	7.559	43	129116	58.359	ug/l	98
38) Carbon Tetrachloride	8.359	117	158392	56.385	ug/l	97
39) Methylcyclohexane	9.600	83	149234	59.012	ug/l	97
40) Benzene	8.600	78	418784	54.408	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70289	57.380	ug/l	94
42) 1,2-Dichloroethane	8.665	62	141217	53.628	ug/l	99
43) Isopropyl Acetate	8.688	43	224253	48.797	ug/l	98
44) Trichloroethene	9.347	130	99052	55.374	ug/l	97
45) 1,2-Dichloropropane	9.618	63	102305	53.964	ug/l	98
46) Dibromomethane	9.706	93	74718	56.719	ug/l	99
47) Bromodichloromethane	9.882	83	157069	56.257	ug/l	100
48) Methyl methacrylate	9.677	41	103408	60.468	ug/l	99
49) 1,4-Dioxane	9.688	88	37328	1258.668	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	670745	319.545	ug/l	98
52) Toluene	10.629	92	263542	57.836	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	160545	57.355	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	170035	57.259	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	100751	59.361	ug/l	98
56) Ethyl methacrylate	10.871	69	162342	65.457	ug/l	100
57) 1,3-Dichloropropane	11.159	76	169809	56.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	373923	307.358	ug/l	99
59) 2-Hexanone	11.194	43	505082	321.729	ug/l	100
60) Dibromochloromethane	11.359	129	122222	58.922	ug/l	98
61) 1,2-Dibromoethane	11.465	107	102041	58.092	ug/l	98
64) Tetrachloroethene	11.100	164	90863	57.325	ug/l	97
65) Chlorobenzene	11.888	112	285247	53.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	106214	56.548	ug/l	99
67) Ethyl Benzene	11.959	91	513641	59.346	ug/l	99
68) m/p-Xylenes	12.071	106	390594	118.537	ug/l	98
69) o-Xylene	12.394	106	189855	60.570	ug/l	98
70) Styrene	12.412	104	320845	61.553	ug/l	99
71) Bromoform	12.576	173	84215	60.402	ug/l #	98
73) Isopropylbenzene	12.694	105	488028	60.021	ug/l	99
74) N-amyl acetate	12.494	43	200761	59.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	141912	51.111	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	116527m	55.583	ug/l	
77) Bromobenzene	12.976	156	119876	54.785	ug/l	97
78) n-propylbenzene	13.035	91	577789	61.609	ug/l	100
79) 2-Chlorotoluene	13.123	91	348536	55.672	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	416871	61.099	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53611	56.453	ug/l	94
82) 4-Chlorotoluene	13.218	91	365414	56.069	ug/l	100
83) tert-Butylbenzene	13.435	119	344600	58.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	417074	59.385	ug/l	99
85) sec-Butylbenzene	13.612	105	487101	61.423	ug/l	99
86) p-Isopropyltoluene	13.729	119	410530	62.710	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	216195	50.093	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	213843	48.553	ug/l	98
89) n-Butylbenzene	14.053	91	350963	57.649	ug/l	98
90) Hexachloroethane	14.329	117	77155	54.070	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	203793	49.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27863	51.896	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	104258	46.403	ug/l	97
94) Hexachlorobutadiene	15.500	225	51414	49.583	ug/l	98
95) Naphthalene	15.641	128	328094	51.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	103770	48.405	ug/l	98

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

