

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084335.D
 Acq On : 07 Oct 2024 16:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 04:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139685	48.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	8.165	113	109030	49.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	10.565	98	418590	51.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.847	95	156271	52.677	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113687	49.081	ug/l	95
3) Chloromethane	2.359	50	127608	48.249	ug/l	99
4) Vinyl Chloride	2.512	62	126687	49.451	ug/l	95
5) Bromomethane	2.948	94	78288	46.329	ug/l	96
6) Chloroethane	3.118	64	79578	43.373	ug/l	93
7) Trichlorofluoromethane	3.495	101	208777	52.334	ug/l	99
8) Diethyl Ether	3.959	74	77283	52.234	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	119897	52.452	ug/l	99
10) Methyl Iodide	4.589	142	154278	52.409	ug/l	97
11) Tert butyl alcohol	5.518	59	105446	220.251	ug/l	100
12) 1,1-Dichloroethene	4.342	96	115148	52.225	ug/l	97
13) Acrolein	4.177	56	131317	238.925	ug/l	96
14) Allyl chloride	5.024	41	206175	53.843	ug/l	93
15) Acrylonitrile	5.718	53	301557	249.429	ug/l	99
16) Acetone	4.424	43	306706	245.904	ug/l	99
17) Carbon Disulfide	4.712	76	308719	44.225	ug/l	99
18) Methyl Acetate	5.024	43	140418	51.653	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	400716	53.847	ug/l	99
20) Methylene Chloride	5.277	84	129222	50.967	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	115791	50.127	ug/l	94
22) Diisopropyl ether	6.671	45	422728	53.372	ug/l	98
23) Vinyl Acetate	6.606	43	1548216	263.545	ug/l	100
24) 1,1-Dichloroethane	6.565	63	233850	52.796	ug/l	98
25) 2-Butanone	7.483	43	416712	245.300	ug/l	99
26) 2,2-Dichloropropane	7.488	77	212178	53.128	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	144964	51.934	ug/l	99
28) Bromochloromethane	7.812	49	96731	48.946	ug/l	99
29) Tetrahydrofuran	7.835	42	256759	244.918	ug/l	99
30) Chloroform	7.965	83	241097	52.402	ug/l	99
31) Cyclohexane	8.253	56	201460	46.845	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	217578	52.655	ug/l	99
36) 1,1-Dichloropropene	8.371	75	170300	52.971	ug/l	100
37) Ethyl Acetate	7.559	43	164930	50.005	ug/l	96
38) Carbon Tetrachloride	8.359	117	188495	53.449	ug/l	95
39) Methylcyclohexane	9.600	83	194923	54.476	ug/l	98
40) Benzene	8.606	78	524528	52.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	94157	52.584	ug/l	99
42) 1,2-Dichloroethane	8.671	62	175887	51.795	ug/l	100
43) Isopropyl Acetate	8.688	43	284312	44.009	ug/l	99
44) Trichloroethene	9.353	130	122788	52.485	ug/l	97
45) 1,2-Dichloropropane	9.618	63	128746	54.333	ug/l	98
46) Dibromomethane	9.712	93	87832	54.927	ug/l	99
47) Bromodichloromethane	9.888	83	192446	54.170	ug/l	98
48) Methyl methacrylate	9.677	41	137496	53.465	ug/l	99
49) 1,4-Dioxane	9.694	88	46280	977.508	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	826394	263.199	ug/l	100
52) Toluene	10.629	92	330249	54.067	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200740	55.432	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	216272	55.522	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	122925	56.137	ug/l	98
56) Ethyl methacrylate	10.871	69	203912	56.593	ug/l	99
57) 1,3-Dichloropropane	11.159	76	208984	53.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	452281	270.592	ug/l	98
59) 2-Hexanone	11.194	43	619305	263.901	ug/l	100
60) Dibromochloromethane	11.359	129	141382	54.646	ug/l	99
61) 1,2-Dibromoethane	11.471	107	122910	54.019	ug/l	99
64) Tetrachloroethene	11.100	164	106587	51.232	ug/l	97
65) Chlorobenzene	11.888	112	350447	52.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	121516	53.270	ug/l	99
67) Ethyl Benzene	11.965	91	642941	54.895	ug/l	100
68) m/p-Xylenes	12.070	106	481473	111.132	ug/l	99
69) o-Xylene	12.400	106	232397	56.696	ug/l	100
70) Styrene	12.412	104	403665	58.141	ug/l	98
71) Bromoform	12.576	173	93053	55.407	ug/l #	100
73) Isopropylbenzene	12.694	105	598049	53.643	ug/l	100
74) N-amyl acetate	12.494	43	257505	51.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	169143	50.455	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	162087m	54.343	ug/l	
77) Bromobenzene	12.976	156	139651	51.930	ug/l	96
78) n-propylbenzene	13.035	91	711393	55.074	ug/l	100
79) 2-Chlorotoluene	13.123	91	436830	52.998	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	511554	56.251	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	63056	50.684	ug/l	91
82) 4-Chlorotoluene	13.217	91	444971	53.628	ug/l	99
83) tert-Butylbenzene	13.441	119	435118	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	514311	56.139	ug/l	99
85) sec-Butylbenzene	13.617	105	604623	56.056	ug/l	98
86) p-Isopropyltoluene	13.729	119	507986	56.954	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	261356	51.806	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	261671	51.362	ug/l	99
89) n-Butylbenzene	14.059	91	447673	55.354	ug/l	100
90) Hexachloroethane	14.335	117	91335	50.449	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	249339	50.404	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32799	47.412	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	132314	54.303	ug/l	99
94) Hexachlorobutadiene	15.500	225	57717	47.500	ug/l	99
95) Naphthalene	15.641	128	416447	51.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	126539	51.881	ug/l	99

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

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