

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084476.D
 Acq On : 24 Oct 2024 09:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 25 01:54:10 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 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125000	45.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.860%		
35) Dibromofluoromethane	8.165	113	101866	50.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.565	98	369120	49.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.847	95	138779	51.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80920	37.266	ug/l	92
3) Chloromethane	2.359	50	99777	40.243	ug/l	98
4) Vinyl Chloride	2.512	62	101542	42.281	ug/l	97
5) Bromomethane	2.953	94	63457	40.058	ug/l	99
6) Chloroethane	3.118	64	66973	38.938	ug/l	93
7) Trichlorofluoromethane	3.495	101	173124	46.293	ug/l	97
8) Diethyl Ether	3.959	74	63473	45.762	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	103287	48.201	ug/l	98
10) Methyl Iodide	4.589	142	122043	44.225	ug/l	92
11) Tert butyl alcohol	5.524	59	87515	194.995	ug/l	100
12) 1,1-Dichloroethene	4.342	96	95323	46.119	ug/l	99
13) Acrolein	4.177	56	122350	237.463	ug/l	98
14) Allyl chloride	5.024	41	150323	41.877	ug/l	99
15) Acrylonitrile	5.718	53	268166	236.611	ug/l	98
16) Acetone	4.424	43	304014	260.010	ug/l	98
17) Carbon Disulfide	4.712	76	274049	41.878	ug/l	98
18) Methyl Acetate	5.024	43	118426	46.470	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	330662	47.399	ug/l	100
20) Methylene Chloride	5.271	84	112909	47.504	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	106170	49.029	ug/l	96
22) Diisopropyl ether	6.671	45	355829	47.923	ug/l	97
23) Vinyl Acetate	6.600	43	1316368	239.030	ug/l	99
24) 1,1-Dichloroethane	6.571	63	202925	48.871	ug/l	98
25) 2-Butanone	7.483	43	384463	241.417	ug/l	99
26) 2,2-Dichloropropane	7.488	77	179045	47.823	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	126806	48.460	ug/l	98
28) Bromochloromethane	7.812	49	87907	47.449	ug/l	96
29) Tetrahydrofuran	7.841	42	230904	234.952	ug/l	99
30) Chloroform	7.965	83	209567	48.588	ug/l	97
31) Cyclohexane	8.253	56	168881	41.889	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	187169	48.319	ug/l	99
36) 1,1-Dichloropropene	8.371	75	145149	49.564	ug/l	99
37) Ethyl Acetate	7.559	43	147032	48.939	ug/l	99
38) Carbon Tetrachloride	8.365	117	162547	50.599	ug/l	95
39) Methylcyclohexane	9.600	83	161723	49.618	ug/l	98
40) Benzene	8.606	78	459833	50.397	ug/l	96

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Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:54:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81673	50.073	ug/l	98
42) 1,2-Dichloroethane	8.671	62	150246	48.572	ug/l	99
43) Isopropyl Acetate	8.688	43	240641	40.892	ug/l	97
44) Trichloroethene	9.353	130	105854	49.672	ug/l	99
45) 1,2-Dichloropropane	9.618	63	112524	52.132	ug/l	99
46) Dibromomethane	9.712	93	79132	54.326	ug/l	97
47) Bromodichloromethane	9.888	83	167953	51.899	ug/l	97
48) Methyl methacrylate	9.677	41	116162	49.587	ug/l	98
49) 1,4-Dioxane	9.694	88	41972	973.220	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	737049	257.702	ug/l	100
52) Toluene	10.629	92	287303	51.636	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	171265	51.918	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	183466	51.706	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	106118	53.201	ug/l	97
56) Ethyl methacrylate	10.871	69	174583	53.192	ug/l	96
57) 1,3-Dichloropropane	11.159	76	185374	52.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	385230	253.018	ug/l	98
59) 2-Hexanone	11.194	43	566502	265.010	ug/l	98
60) Dibromochloromethane	11.359	129	128277	54.430	ug/l	100
61) 1,2-Dibromoethane	11.471	107	108227	52.218	ug/l	100
64) Tetrachloroethene	11.100	164	95344	49.016	ug/l	98
65) Chlorobenzene	11.888	112	308627	49.842	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	108683	50.958	ug/l	99
67) Ethyl Benzene	11.965	91	548388	50.078	ug/l	98
68) m/p-Xylenes	12.070	106	421240	103.992	ug/l	100
69) o-Xylene	12.394	106	200475	52.310	ug/l	99
70) Styrene	12.412	104	350276	53.960	ug/l	98
71) Bromoform	12.576	173	83615	53.250	ug/l #	98
73) Isopropylbenzene	12.694	105	519455	46.879	ug/l	99
74) N-amyl acetate	12.494	43	217725	43.391	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	154622	46.406	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	146496m	49.417	ug/l	
77) Bromobenzene	12.976	156	125916	47.109	ug/l	95
78) n-propylbenzene	13.035	91	627107	48.846	ug/l	99
79) 2-Chlorotoluene	13.123	91	378732	46.231	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	445929	49.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	54364	43.965	ug/l	90
82) 4-Chlorotoluene	13.217	91	386616	46.881	ug/l	98
83) tert-Butylbenzene	13.435	119	375229	46.707	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	450209	49.443	ug/l	100
85) sec-Butylbenzene	13.617	105	524566	48.932	ug/l	99
86) p-Isopropyltoluene	13.729	119	441452	49.798	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	236809	47.228	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	235215	46.452	ug/l	99
89) n-Butylbenzene	14.053	91	384580	47.844	ug/l	99
90) Hexachloroethane	14.335	117	79171	43.998	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	225422	45.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30237	43.976	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	115109	47.532	ug/l	99
94) Hexachlorobutadiene	15.500	225	53560	44.349	ug/l	97
95) Naphthalene	15.641	128	356788	44.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111182	45.864	ug/l	99

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

