

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084550.D
 Acq On : 28 Oct 2024 21:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 01:33:58 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 10/29/2024
 Supervised By :Semsettin Yesilyurt 10/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	161557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121750	50.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.660%			
35) Dibromofluoromethane	8.165	113	98037	53.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.565	98	346993	51.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.847	95	135984	55.163	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87893	45.994	ug/l	93
3) Chloromethane	2.359	50	95984	43.989	ug/l	99
4) Vinyl Chloride	2.512	62	97538	46.148	ug/l	99
5) Bromomethane	2.954	94	61670	44.236	ug/l	100
6) Chloroethane	3.118	64	61446	40.593	ug/l	94
7) Trichlorofluoromethane	3.495	101	168357	51.153	ug/l	100
8) Diethyl Ether	3.965	74	59166	48.471	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	98554	52.260	ug/l	99
10) Methyl Iodide	4.583	142	116600	48.011	ug/l	96
11) Tert butyl alcohol	5.512	59	81231	205.659	ug/l	100
12) 1,1-Dichloroethene	4.342	96	90931	49.989	ug/l	95
13) Acrolein	4.177	56	109315	241.078	ug/l	97
14) Allyl chloride	5.018	41	143147	45.312	ug/l	96
15) Acrylonitrile	5.718	53	256260	256.919	ug/l	99
16) Acetone	4.424	43	212070	206.092	ug/l	99
17) Carbon Disulfide	4.712	76	242934	42.182	ug/l	98
18) Methyl Acetate	5.018	43	134242	59.855	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	320371	52.182	ug/l	97
20) Methylene Chloride	5.277	84	105926	50.640	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	96468	50.620	ug/l	97
22) Diisopropyl ether	6.665	45	341825	52.311	ug/l	99
23) Vinyl Acetate	6.600	43	1255111	258.966	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190723	52.192	ug/l	100
25) 2-Butanone	7.483	43	336778	240.294	ug/l	97
26) 2,2-Dichloropropane	7.489	77	151767	46.062	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	120655	52.393	ug/l	95
28) Bromochloromethane	7.812	49	79971	49.048	ug/l	98
29) Tetrahydrofuran	7.836	42	223740	258.688	ug/l	98
30) Chloroform	7.965	83	200839	52.910	ug/l	96
31) Cyclohexane	8.253	56	158787	44.753	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	178824	52.455	ug/l	98
36) 1,1-Dichloropropene	8.371	75	136466	51.083	ug/l	98
37) Ethyl Acetate	7.559	43	138459	50.519	ug/l	100
38) Carbon Tetrachloride	8.359	117	152948	52.192	ug/l	97
39) Methylcyclohexane	9.600	83	147244	49.523	ug/l	99
40) Benzene	8.606	78	436967	52.498	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75268	50.587	ug/l	95
42) 1,2-Dichloroethane	8.665	62	143860	50.982	ug/l	100
43) Isopropyl Acetate	8.683	43	298972m	55.693	ug/l	
44) Trichloroethene	9.347	130	99088	50.971	ug/l	98
45) 1,2-Dichloropropane	9.618	63	106420	54.048	ug/l	95
46) Dibromomethane	9.706	93	74219	55.856	ug/l	97
47) Bromodichloromethane	9.888	83	160866	54.492	ug/l	99
48) Methyl methacrylate	9.677	41	113027	52.892	ug/l	99
49) 1,4-Dioxane	9.694	88	35625	905.532	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	714789	273.966	ug/l	99
52) Toluene	10.630	92	269489	53.095	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157811	52.443	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	171155	52.878	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	102065	56.093	ug/l	96
56) Ethyl methacrylate	10.871	69	166194	55.509	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175092	53.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	387998	279.356	ug/l	97
59) 2-Hexanone	11.194	43	521443	267.402	ug/l	99
60) Dibromochloromethane	11.359	129	120370	55.989	ug/l	99
61) 1,2-Dibromoethane	11.471	107	101246	53.550	ug/l	98
64) Tetrachloroethene	11.100	164	87317	49.432	ug/l	98
65) Chlorobenzene	11.888	112	290060	51.584	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	102132	52.733	ug/l	100
67) Ethyl Benzene	11.959	91	513576	51.646	ug/l	99
68) m/p-Xylenes	12.065	106	399929	108.723	ug/l	99
69) o-Xylene	12.394	106	189624	54.486	ug/l	99
70) Styrene	12.412	104	332772	56.451	ug/l	98
71) Bromoform	12.576	173	80632	56.547	ug/l #	97
73) Isopropylbenzene	12.694	105	479901	45.329	ug/l	99
74) N-amyl acetate	12.494	43	210653	43.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	151201	47.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137440m	48.524	ug/l	
77) Bromobenzene	12.976	156	119941	46.967	ug/l	93
78) n-propylbenzene	13.035	91	591943	48.258	ug/l	99
79) 2-Chlorotoluene	13.123	91	358796	45.840	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	420006	48.634	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51825	43.866	ug/l	93
82) 4-Chlorotoluene	13.218	91	364214	46.224	ug/l	98
83) tert-Butylbenzene	13.435	119	353200	46.015	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	422000	48.507	ug/l	99
85) sec-Butylbenzene	13.612	105	495670	48.392	ug/l	100
86) p-Isopropyltoluene	13.729	119	416611	49.188	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	224117	46.781	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	223063	46.106	ug/l	99
89) n-Butylbenzene	14.053	91	368986	48.044	ug/l	100
90) Hexachloroethane	14.335	117	77012	44.795	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	213812	45.515	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28331	43.126	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111223	48.069	ug/l	99
94) Hexachlorobutadiene	15.500	225	49291	42.717	ug/l	98
95) Naphthalene	15.641	128	350781	45.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	110954	47.905	ug/l	97

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

