

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082085.D
 Acq On : 10 May 2024 21:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 10 23:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	286138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119031	54.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	109.000%		
35) Dibromofluoromethane	8.165	113	83357	48.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.760%		
50) Toluene-d8	10.565	98	356842	52.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.853	95	120455	45.035	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	85549	47.098	ug/l	98
3) Chloromethane	2.359	50	103776	54.765	ug/l	99
4) Vinyl Chloride	2.518	62	97460	56.818	ug/l	93
5) Bromomethane	2.948	94	44671	62.493	ug/l	96
6) Chloroethane	3.118	64	61096	70.472	ug/l	97
7) Trichlorofluoromethane	3.501	101	127041	47.878	ug/l	99
8) Diethyl Ether	3.959	74	61290	54.376	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	81807	53.104	ug/l	91
10) Methyl Iodide	4.595	142	79248	58.733	ug/l	98
11) Tert butyl alcohol	5.518	59	97287	245.052	ug/l	98
12) 1,1-Dichloroethene	4.348	96	81770	52.175	ug/l	94
13) Acrolein	4.177	56	71369	229.850	ug/l	98
14) Allyl chloride	5.024	41	153368	46.264	ug/l	91
15) Acrylonitrile	5.718	53	288882	303.031	ug/l	97
16) Acetone	4.418	43	198373	308.457	ug/l	96
17) Carbon Disulfide	4.718	76	203586	43.220	ug/l	97
18) Methyl Acetate	5.018	43	143629	64.931	ug/l	89
19) Methyl tert-butyl Ether	5.795	73	319015	53.944	ug/l	# 84
20) Methylene Chloride	5.277	84	101454	54.209	ug/l	# 86
21) trans-1,2-Dichloroethene	5.789	96	83830	49.059	ug/l	# 79
22) Diisopropyl ether	6.677	45	378230	58.962	ug/l	# 90
23) Vinyl Acetate	6.600	43	1498661	287.532	ug/l	# 91
24) 1,1-Dichloroethane	6.565	63	192077	57.528	ug/l	96
25) 2-Butanone	7.483	43	364644	294.185	ug/l	90
26) 2,2-Dichloropropane	7.494	77	137947	44.913	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	110857	55.518	ug/l	87
28) Bromochloromethane	7.818	49	91345	57.563	ug/l	# 72
29) Tetrahydrofuran	7.836	42	258762	291.116	ug/l	86
30) Chloroform	7.965	83	180230	54.458	ug/l	98
31) Cyclohexane	8.259	56	158406	48.150	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	142879	48.411	ug/l	# 91
36) 1,1-Dichloropropene	8.377	75	127364	45.442	ug/l	96
37) Ethyl Acetate	7.559	43	160461	52.951	ug/l	95
38) Carbon Tetrachloride	8.359	117	114077	41.644	ug/l	96
39) Methylcyclohexane	9.600	83	145691	42.801	ug/l	# 88
40) Benzene	8.606	78	421810	50.134	ug/l	96

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41) Methacrylonitrile	7.771	41	90497	46.802	ug/l	89
42) 1,2-Dichloroethane	8.671	62	140210	44.877	ug/l	98
43) Isopropyl Acetate	8.688	43	333580	58.543	ug/l #	87
44) Trichloroethene	9.353	130	83999	43.302	ug/l	90
45) 1,2-Dichloropropane	9.624	63	116035	52.696	ug/l	95
46) Dibromomethane	9.706	93	70515	46.332	ug/l #	86
47) Bromodichloromethane	9.888	83	145799	45.424	ug/l #	98
48) Methyl methacrylate	9.682	41	128184	47.124	ug/l	90
49) 1,4-Dioxane	9.694	88	40478	979.063	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	849873	264.952	ug/l	95
52) Toluene	10.629	92	250440	49.704	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	160856	46.058	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	168369	46.776	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	97504	49.204	ug/l	93
56) Ethyl methacrylate	10.877	69	180996	47.967	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	175537	49.826	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	471556	274.326	ug/l #	88
59) 2-Hexanone	11.194	43	632826	265.097	ug/l	95
60) Dibromochloromethane	11.359	129	95105	45.313	ug/l	95
61) 1,2-Dibromoethane	11.471	107	90302	47.652	ug/l	98
64) Tetrachloroethene	11.106	164	69091	38.319	ug/l	89
65) Chlorobenzene	11.894	112	264068	48.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	83449	47.363	ug/l	93
67) Ethyl Benzene	11.965	91	476258	47.237	ug/l	98
68) m/p-Xylenes	12.071	106	352868	98.120	ug/l	96
69) o-Xylene	12.400	106	167513	47.710	ug/l	90
70) Styrene	12.412	104	295385	48.633	ug/l	97
71) Bromoform	12.582	173	56722	40.950	ug/l #	99
73) Isopropylbenzene	12.694	105	441184	48.587	ug/l	97
74) N-amyl acetate	12.494	43	267018	52.818	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	143080	52.472	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	128870m	48.667	ug/l	
77) Bromobenzene	12.982	156	85392	44.940	ug/l	60
78) n-propylbenzene	13.035	91	541114	49.060	ug/l	96
79) 2-Chlorotoluene	13.129	91	320266	45.639	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	352786	45.913	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	60279	46.646	ug/l #	94
82) 4-Chlorotoluene	13.223	91	320874	47.098	ug/l	93
83) tert-Butylbenzene	13.441	119	304853	47.642	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	363588	47.383	ug/l	96
85) sec-Butylbenzene	13.618	105	448225	49.729	ug/l	96
86) p-Isopropyltoluene	13.729	119	348015	48.087	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	166259	46.893	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	164766	47.192	ug/l	95
89) n-Butylbenzene	14.059	91	338807	50.295	ug/l	96
90) Hexachloroethane	14.335	117	64412	45.243	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	160298	47.163	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28692	43.220	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	81607	42.917	ug/l	99
94) Hexachlorobutadiene	15.500	225	28319	40.406	ug/l	92
95) Naphthalene	15.641	128	342919	47.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	85131	46.631	ug/l	97

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

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