

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082969.D
 Acq On : 17 Jul 2024 17:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 18 05:29:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/18/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	92700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	162975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	153276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70188	54.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.020%	
35) Dibromofluoromethane	8.171	113	55062	52.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	10.571	98	205366	53.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.853	95	68810	49.594	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56955	47.457	ug/l	97
3) Chloromethane	2.359	50	49115	43.153	ug/l	98
4) Vinyl Chloride	2.512	62	60414	50.541	ug/l	97
5) Bromomethane	2.936	94	40885	47.439	ug/l	96
6) Chloroethane	3.106	64	47456	58.015	ug/l	100
7) Trichlorofluoromethane	3.489	101	84397	49.090	ug/l	96
8) Diethyl Ether	3.959	74	28212	47.947	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	50569	51.970	ug/l	99
10) Methyl Iodide	4.583	142	49333	49.451	ug/l	98
11) Tert butyl alcohol	5.530	59	50568	231.366	ug/l	98
12) 1,1-Dichloroethene	4.336	96	45541	48.125	ug/l	88
13) Acrolein	4.177	56	37845	239.834	ug/l	94
14) Allyl chloride	5.024	41	65861	44.637	ug/l #	93
15) Acrylonitrile	5.724	53	136888	272.527	ug/l	99
16) Acetone	4.436	43	117006	255.746	ug/l	94
17) Carbon Disulfide	4.712	76	119464	42.247	ug/l	96
18) Methyl Acetate	5.030	43	73629	60.820	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	162543	49.794	ug/l	93
20) Methylene Chloride	5.271	84	54703	49.510	ug/l	84
21) trans-1,2-Dichloroethene	5.789	96	48228	47.035	ug/l	93
22) Diisopropyl ether	6.677	45	168527	54.595	ug/l #	94
23) Vinyl Acetate	6.606	43	659114	268.875	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	100012	53.413	ug/l	96
25) 2-Butanone	7.488	43	186307	269.692	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	89159	51.214	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	61389	51.139	ug/l	89
28) Bromochloromethane	7.818	49	38514	47.947	ug/l	85
29) Tetrahydrofuran	7.841	42	121910	280.315	ug/l #	86
30) Chloroform	7.971	83	105836	53.280	ug/l	99
31) Cyclohexane	8.259	56	74833	44.048	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	95438	51.748	ug/l	97
36) 1,1-Dichloropropene	8.377	75	70848	49.137	ug/l	97
37) Ethyl Acetate	7.559	43	77202	52.592	ug/l	97
38) Carbon Tetrachloride	8.365	117	84040	48.409	ug/l	99
39) Methylcyclohexane	9.600	83	67616	43.414	ug/l	94
40) Benzene	8.606	78	226098	50.979	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	40184	50.812	ug/l	#	90
42) 1,2-Dichloroethane	8.671	62	82143	51.447	ug/l		98
43) Isopropyl Acetate	8.688	43	161998	59.066	ug/l		98
44) Trichloroethene	9.353	130	50519	44.460	ug/l		97
45) 1,2-Dichloropropane	9.624	63	56046	54.128	ug/l		99
46) Dibromomethane	9.712	93	41721	51.721	ug/l		98
47) Bromodichloromethane	9.888	83	87098	52.256	ug/l		95
48) Methyl methacrylate	9.682	41	58924	51.193	ug/l	#	84
49) 1,4-Dioxane	9.694	88	26021	1040.274	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.447	43	413220	283.946	ug/l		93
52) Toluene	10.635	92	145142	52.388	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	87289	50.837	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	90593	49.846	ug/l	#	85
55) 1,1,2-Trichloroethane	11.018	97	56173	55.138	ug/l		99
56) Ethyl methacrylate	10.877	69	89399	56.403	ug/l		87
57) 1,3-Dichloropropane	11.165	76	96850	53.706	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	240239	295.385	ug/l		96
59) 2-Hexanone	11.200	43	318165	294.060	ug/l		94
60) Dibromochloromethane	11.359	129	67594	52.092	ug/l		98
61) 1,2-Dibromoethane	11.471	107	55950	51.715	ug/l		97
64) Tetrachloroethene	11.106	164	44177	38.632	ug/l		97
65) Chlorobenzene	11.894	112	159279	48.495	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	59781	51.170	ug/l		98
67) Ethyl Benzene	11.965	91	275395	49.889	ug/l		96
68) m/p-Xylenes	12.071	106	218373	104.781	ug/l		96
69) o-Xylene	12.400	106	103594	51.877	ug/l		94
70) Styrene	12.412	104	181166	54.907	ug/l		99
71) Bromoform	12.576	173	47235	51.411	ug/l	#	98
73) Isopropylbenzene	12.694	105	259583	46.698	ug/l		99
74) N-amyl acetate	12.494	43	121175	52.701	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.941	83	87382	52.488	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	66055m	50.084	ug/l		
77) Bromobenzene	12.982	156	65275	45.518	ug/l		99
78) n-propylbenzene	13.035	91	312483	48.892	ug/l		99
79) 2-Chlorotoluene	13.129	91	194111	47.667	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	219290	48.804	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	33387	49.786	ug/l		97
82) 4-Chlorotoluene	13.223	91	191370	47.478	ug/l		98
83) tert-Butylbenzene	13.441	119	183094	45.963	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	226170	49.386	ug/l		100
85) sec-Butylbenzene	13.618	105	255322	47.431	ug/l		100
86) p-Isopropyltoluene	13.729	119	213650	47.571	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	122938	47.455	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	120474	44.967	ug/l		100
89) n-Butylbenzene	14.059	91	180654	46.951	ug/l		99
90) Hexachloroethane	14.335	117	44947	47.297	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	117116	46.562	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17651	45.829	ug/l		94
93) 1,2,4-Trichlorobenzene	15.394	180	55281	40.802	ug/l		100
94) Hexachlorobutadiene	15.506	225	24288	40.438	ug/l		97
95) Naphthalene	15.641	128	201584	43.440	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	58193	41.773	ug/l		97

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

