

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080872.D
 Acq On : 02 Feb 2024 14:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 23:49:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	111842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	229130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102938	53.202	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	8.165	113	74587	53.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	10.571	98	286315	52.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.853	95	106672	55.792	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72087	43.395	ug/l	97
3) Chloromethane	2.359	50	113187	45.328	ug/l	98
4) Vinyl Chloride	2.512	62	87678	46.185	ug/l	92
5) Bromomethane	2.948	94	37782	49.756	ug/l	95
6) Chloroethane	3.118	64	52272	51.646	ug/l	96
7) Trichlorofluoromethane	3.489	101	118281	48.141	ug/l	94
8) Diethyl Ether	3.959	74	57570	50.793	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	67938	47.418	ug/l	98
10) Methyl Iodide	4.589	142	58368	48.259	ug/l	96
11) Tert butyl alcohol	5.512	59	81485	258.354	ug/l	99
12) 1,1-Dichloroethene	4.336	96	74847	47.677	ug/l	97
13) Acrolein	4.171	56	93605	235.345	ug/l	98
14) Allyl chloride	5.018	41	162326	52.312	ug/l	93
15) Acrylonitrile	5.712	53	254705	268.516	ug/l	98
16) Acetone	4.424	43	187463	267.150	ug/l	97
17) Carbon Disulfide	4.712	76	205598	42.067	ug/l	99
18) Methyl Acetate	5.018	43	137401	56.184	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	276064	49.907	ug/l	95
20) Methylene Chloride	5.277	84	91973	49.931	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	79442	46.578	ug/l	92
22) Diisopropyl ether	6.671	45	352410	51.472	ug/l	98
23) Vinyl Acetate	6.600	43	1368115	276.169	ug/l	99
24) 1,1-Dichloroethane	6.571	63	174967	50.390	ug/l #	95
25) 2-Butanone	7.483	43	348816	261.708	ug/l	96
26) 2,2-Dichloropropane	7.488	77	123613	44.046	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	96273	48.763	ug/l	99
28) Bromochloromethane	7.818	49	93658	50.946	ug/l	100
29) Tetrahydrofuran	7.836	42	239280	265.312	ug/l	99
30) Chloroform	7.965	83	161530	50.073	ug/l	99
31) Cyclohexane	8.259	56	140642	42.390	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	128378	49.076	ug/l	99
36) 1,1-Dichloropropene	8.371	75	125273	48.080	ug/l	96
37) Ethyl Acetate	7.559	43	139027	51.833	ug/l	99
38) Carbon Tetrachloride	8.365	117	100983	48.103	ug/l	100
39) Methylcyclohexane	9.600	83	114516	44.218	ug/l	96
40) Benzene	8.606	78	380181	49.646	ug/l	95

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41) Methacrylonitrile	7.777	41	85480	54.072	ug/l	92
42) 1,2-Dichloroethane	8.671	62	132674	53.179	ug/l	99
43) Isopropyl Acetate	8.688	43	252333	51.672	ug/l	98
44) Trichloroethene	9.353	130	77949	46.213	ug/l	94
45) 1,2-Dichloropropane	9.624	63	109434	52.805	ug/l	92
46) Dibromomethane	9.706	93	59941	48.791	ug/l	97
47) Bromodichloromethane	9.888	83	123514	49.520	ug/l #	99
48) Methyl methacrylate	9.682	41	119764	50.588	ug/l	96
49) 1,4-Dioxane	9.694	88	31364	1099.843	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	767201	281.037	ug/l	98
52) Toluene	10.629	92	218543	49.773	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	142928	49.190	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	155667	49.266	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	86178	51.071	ug/l	97
56) Ethyl methacrylate	10.877	69	149619	57.678	ug/l	97
57) 1,3-Dichloropropane	11.165	76	162985	51.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	403931	267.113	ug/l	99
59) 2-Hexanone	11.200	43	551216	259.946	ug/l	98
60) Dibromochloromethane	11.365	129	80980	51.594	ug/l	97
61) 1,2-Dibromoethane	11.471	107	83616	52.874	ug/l	99
64) Tetrachloroethene	11.106	164	64061	48.460	ug/l	94
65) Chlorobenzene	11.894	112	208667	47.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	71352	49.988	ug/l	98
67) Ethyl Benzene	11.965	91	397862	48.768	ug/l	97
68) m/p-Xylenes	12.071	106	290056	100.112	ug/l	96
69) o-Xylene	12.400	106	150720	52.353	ug/l	97
70) Styrene	12.412	104	253051	54.730	ug/l	98
71) Bromoform	12.582	173	50778	52.613	ug/l #	94
73) Isopropylbenzene	12.700	105	362617	48.103	ug/l	98
74) N-amyl acetate	12.494	43	226918	48.484	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	132974	50.147	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	127491m	51.351	ug/l	
77) Bromobenzene	12.982	156	77346	47.999	ug/l	93
78) n-propylbenzene	13.035	91	429116	47.649	ug/l	97
79) 2-Chlorotoluene	13.129	91	267095	46.663	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	294129	48.993	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	46823	48.586	ug/l #	78
82) 4-Chlorotoluene	13.223	91	270241	47.681	ug/l	97
83) tert-Butylbenzene	13.441	119	225232	46.979	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	286099	47.035	ug/l	98
85) sec-Butylbenzene	13.618	105	336367	47.590	ug/l	99
86) p-Isopropyltoluene	13.729	119	258295	47.025	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	135688	47.076	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	138219	47.832	ug/l	98
89) n-Butylbenzene	14.059	91	248815	46.290	ug/l	98
90) Hexachloroethane	14.335	117	42417	44.133	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	133773	50.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22703	45.805	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	64241	47.313	ug/l	97
94) Hexachlorobutadiene	15.506	225	26801	45.181	ug/l	91
95) Naphthalene	15.641	128	251507	48.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	64819	48.567	ug/l	97

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

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