

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085248.D
 Acq On : 18 Dec 2024 13:08
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 19 05:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	117786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	80359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	24346	11.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.660%#		
35) Dibromofluoromethane	8.165	113	16477	11.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.600%#		
50) Toluene-d8	10.565	98	57873	10.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.720%#		
62) 4-Bromofluorobenzene	12.847	95	20157	10.589	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	21.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20121	10.723	ug/l	98
3) Chloromethane	2.359	50	18468	10.326	ug/l	95
4) Vinyl Chloride	2.512	62	17209	10.269	ug/l	95
5) Bromomethane	2.959	94	11730	10.671	ug/l	91
6) Chloroethane	3.124	64	10824	9.888	ug/l	90
7) Trichlorofluoromethane	3.495	101	29016	10.722	ug/l	95
8) Diethyl Ether	3.959	74	9280	10.918	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	15303	10.544	ug/l	98
10) Methyl Iodide	4.594	142	17056	10.307	ug/l	99
11) Tert butyl alcohol	5.524	59	14752	51.585	ug/l	98
12) 1,1-Dichloroethene	4.342	96	13848	10.301	ug/l	93
13) Acrolein	4.183	56	17587	53.402	ug/l	97
14) Allyl chloride	5.024	41	22563m	9.668	ug/l	
15) Acrylonitrile	5.718	53	41388	53.136	ug/l	96
16) Acetone	4.430	43	37764	53.142	ug/l	97
17) Carbon Disulfide	4.712	76	45201	9.852	ug/l	98
18) Methyl Acetate	5.024	43	20752	10.315	ug/l #	74
19) Methyl tert-butyl Ether	5.800	73	46591	10.111	ug/l	99
20) Methylene Chloride	5.271	84	15729	10.119	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	14076	9.497	ug/l	98
22) Diisopropyl ether	6.671	45	53490	10.769	ug/l #	95
23) Vinyl Acetate	6.606	43	194389	50.650	ug/l	98
24) 1,1-Dichloroethane	6.565	63	29952	10.410	ug/l	97
25) 2-Butanone	7.483	43	57348	52.697	ug/l	99
26) 2,2-Dichloropropane	7.483	77	28531	10.709	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	17823	10.328	ug/l	99
28) Bromochloromethane	7.812	49	14843	10.230	ug/l #	99
29) Tetrahydrofuran	7.841	42	37051	52.816	ug/l	98
30) Chloroform	7.959	83	30771	10.015	ug/l	98
31) Cyclohexane	8.253	56	27749	10.418	ug/l	87
32) 1,1,1-Trichloroethane	8.159	97	27840	10.166	ug/l	93
36) 1,1-Dichloropropene	8.371	75	20950	10.318	ug/l	99
37) Ethyl Acetate	7.559	43	24425	10.427	ug/l	95
38) Carbon Tetrachloride	8.365	117	24341	9.915	ug/l	94
39) Methylcyclohexane	9.600	83	20554	9.728	ug/l	98
40) Benzene	8.606	78	63473	10.048	ug/l	98

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41) Methacrylonitrile	7.777	41	12395	10.383	ug/l	97
42) 1,2-Dichloroethane	8.671	62	25475	10.588	ug/l	99
43) Isopropyl Acetate	8.688	43	42779	9.986	ug/l	97
44) Trichloroethene	9.347	130	14020	9.969	ug/l	98
45) 1,2-Dichloropropane	9.624	63	15480	9.897	ug/l	94
46) Dibromomethane	9.706	93	11455	10.260	ug/l	95
47) Bromodichloromethane	9.888	83	24133	10.088	ug/l	99
48) Methyl methacrylate	9.677	41	17700	10.079	ug/l	98
49) 1,4-Dioxane	9.694	88	6576	237.509	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	120183	53.394	ug/l	98
52) Toluene	10.624	92	37618	9.904	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	23203	9.951	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	25423	10.255	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	14536	10.221	ug/l	97
56) Ethyl methacrylate	10.871	69	22363	10.136	ug/l	97
57) 1,3-Dichloropropane	11.165	76	24872	9.936	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	45895	49.061	ug/l	98
59) 2-Hexanone	11.194	43	86680	54.023	ug/l	97
60) Dibromochloromethane	11.359	129	16999	10.085	ug/l	97
61) 1,2-Dibromoethane	11.465	107	15403	10.515	ug/l	97
64) Tetrachloroethene	11.100	164	12623	10.331	ug/l	94
65) Chlorobenzene	11.888	112	40267	9.865	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	15029	10.554	ug/l	98
67) Ethyl Benzene	11.965	91	69173	9.888	ug/l	98
68) m/p-Xylenes	12.070	106	51109	19.533	ug/l	97
69) o-Xylene	12.400	106	25515	10.374	ug/l	96
70) Styrene	12.412	104	39408	9.598	ug/l	98
71) Bromoform	12.576	173	11037	9.888	ug/l #	96
73) Isopropylbenzene	12.694	105	61642	10.634	ug/l	100
74) N-amyl acetate	12.488	43	30530	10.545	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	21900	10.603	ug/l	95
76) 1,2,3-Trichloropropane	12.988	75	18928m	10.796	ug/l	
77) Bromobenzene	12.982	156	15342	10.080	ug/l	94
78) n-propylbenzene	13.035	91	73038	10.273	ug/l	99
79) 2-Chlorotoluene	13.123	91	47815	10.593	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	51541	10.660	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	7838	10.865	ug/l	98
82) 4-Chlorotoluene	13.217	91	47005	10.291	ug/l	98
83) tert-Butylbenzene	13.435	119	41913	10.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	50877	10.294	ug/l	99
85) sec-Butylbenzene	13.617	105	59105	10.339	ug/l	99
86) p-Isopropyltoluene	13.729	119	45874	9.917	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	29285	10.448	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	28760	9.917	ug/l	98
89) n-Butylbenzene	14.053	91	40341	9.596	ug/l	99
90) Hexachloroethane	14.329	117	11123	10.592	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	27102	10.396	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4652	11.745	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	12623	9.459	ug/l	95
94) Hexachlorobutadiene	15.500	225	6652	9.591	ug/l	93
95) Naphthalene	15.641	128	42098	9.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	13297	9.976	ug/l	97

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

