

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085339.D
 Acq On : 30 Dec 2024 12:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 31 02:10:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116389	49.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	88607	48.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.565	98	318154	47.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.847	95	111616	49.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104576	46.491	ug/l	98
3) Chloromethane	2.359	50	107520	42.529	ug/l	98
4) Vinyl Chloride	2.506	62	106658	39.891	ug/l	100
5) Bromomethane	2.942	94	72965	41.727	ug/l	92
6) Chloroethane	3.112	64	72544	42.783	ug/l	97
7) Trichlorofluoromethane	3.495	101	152662	43.435	ug/l	97
8) Diethyl Ether	3.959	74	63125	54.243	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	89098	44.551	ug/l	98
10) Methyl Iodide	4.589	142	115084	49.726	ug/l	97
11) Tert butyl alcohol	5.518	59	97699	328.896	ug/l	97
12) 1,1-Dichloroethene	4.336	96	84464	45.699	ug/l	97
13) Acrolein	4.177	56	115522	249.441	ug/l	98
14) Allyl chloride	5.024	41	140444	47.478	ug/l	99
15) Acrylonitrile	5.712	53	287666	307.686	ug/l	99
16) Acetone	4.424	43	234336	300.411	ug/l	99
17) Carbon Disulfide	4.706	76	235031	41.800	ug/l	97
18) Methyl Acetate	5.024	43	146324	61.270	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	322652	53.708	ug/l	100
20) Methylene Chloride	5.271	84	104578	49.843	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	91836	47.565	ug/l	94
22) Diisopropyl ether	6.671	45	341757	53.614	ug/l	99
23) Vinyl Acetate	6.600	43	1332004	288.852	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190213	49.537	ug/l	98
25) 2-Butanone	7.482	43	383582	316.965	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158351	47.070	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114444	50.502	ug/l	97
28) Bromochloromethane	7.812	49	93391	52.336	ug/l #	99
29) Tetrahydrofuran	7.835	42	255313	327.522	ug/l	98
30) Chloroform	7.965	83	191271	48.690	ug/l	96
31) Cyclohexane	8.259	56	142266	40.574	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	158083	45.059	ug/l	98
36) 1,1-Dichloropropene	8.371	75	123535	46.052	ug/l	99
37) Ethyl Acetate	7.559	43	158951	59.616	ug/l	99
38) Carbon Tetrachloride	8.359	117	137774	47.119	ug/l	99
39) Methylcyclohexane	9.600	83	130010	46.712	ug/l	97
40) Benzene	8.606	78	407978	50.303	ug/l	100

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41) Methacrylonitrile	7.777	41	83714	61.306	ug/l	98
42) 1,2-Dichloroethane	8.671	62	151351	52.050	ug/l	100
43) Isopropyl Acetate	8.688	43	264605	60.271	ug/l	98
44) Trichloroethene	9.353	130	91293	47.545	ug/l	97
45) 1,2-Dichloropropane	9.618	63	105798	51.386	ug/l	96
46) Dibromomethane	9.706	93	76186	53.207	ug/l	98
47) Bromodichloromethane	9.888	83	156872	52.711	ug/l	98
48) Methyl methacrylate	9.676	41	121850	63.963	ug/l	98
49) 1,4-Dioxane	9.694	88	43891	1527.056	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	804374	326.031	ug/l	99
52) Toluene	10.629	92	248223	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	160591	54.871	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	171749	54.269	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	97607	53.534	ug/l	97
56) Ethyl methacrylate	10.871	69	168367	63.406	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175727	54.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	398221	309.966	ug/l	98
59) 2-Hexanone	11.194	43	591253	345.412	ug/l	99
60) Dibromochloromethane	11.359	129	116317	56.641	ug/l	99
61) 1,2-Dibromoethane	11.470	107	99988	55.431	ug/l	99
64) Tetrachloroethene	11.100	164	75394	44.842	ug/l	96
65) Chlorobenzene	11.888	112	272414	47.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	97540	50.684	ug/l	99
67) Ethyl Benzene	11.965	91	467807	49.057	ug/l	98
68) m/p-Xylenes	12.070	106	359366	102.977	ug/l	99
69) o-Xylene	12.394	106	172602	51.128	ug/l	97
70) Styrene	12.412	104	298505	54.558	ug/l	99
71) Bromoform	12.576	173	77498	58.141	ug/l #	100
73) Isopropylbenzene	12.694	105	425298	45.740	ug/l	99
74) N-amyl acetate	12.494	43	228591	57.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	154435	52.150	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	128367m	53.164	ug/l	
77) Bromobenzene	12.982	156	108229	46.982	ug/l	99
78) n-propylbenzene	13.035	91	522306	48.190	ug/l	99
79) 2-Chlorotoluene	13.123	91	327142	47.959	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	367441	48.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	55201	54.750	ug/l	100
82) 4-Chlorotoluene	13.217	91	327213	47.630	ug/l	99
83) tert-Butylbenzene	13.435	119	309286	47.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	368319	49.182	ug/l	98
85) sec-Butylbenzene	13.617	105	424730	46.967	ug/l	98
86) p-Isopropyltoluene	13.729	119	357497	44.497	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	198427	47.515	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202416	47.186	ug/l	99
89) n-Butylbenzene	14.059	91	308673	46.613	ug/l	99
90) Hexachloroethane	14.335	117	72166	48.685	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	196144	49.305	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29912	56.754	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	97376	49.044	ug/l	98
94) Hexachlorobutadiene	15.500	225	41125	41.688	ug/l	98
95) Naphthalene	15.641	128	335647	49.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	97770	49.285	ug/l	99

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

