

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085142.D
 Acq On : 09 Dec 2024 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 04:56:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114719	47.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	8.165	113	92766	51.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.565	98	326526	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.847	95	123192	51.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74077	38.695	ug/l	98
3) Chloromethane	2.359	50	80185	36.113	ug/l	97
4) Vinyl Chloride	2.512	62	83740	41.966	ug/l	97
5) Bromomethane	2.942	94	53457	47.797	ug/l	91
6) Chloroethane	3.118	64	59690	44.380	ug/l	100
7) Trichlorofluoromethane	3.495	101	155891	45.926	ug/l	99
8) Diethyl Ether	3.959	74	54603	47.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	91050	47.294	ug/l	97
10) Methyl Iodide	4.583	142	89363	35.067	ug/l	97
11) Tert butyl alcohol	5.518	59	76683	237.948	ug/l	96
12) 1,1-Dichloroethene	4.342	96	82362	45.833	ug/l	99
13) Acrolein	4.177	56	64513	300.005	ug/l	97
14) Allyl chloride	5.018	41	117645	38.835	ug/l	92
15) Acrylonitrile	5.712	53	221719	243.009	ug/l	100
16) Acetone	4.424	43	203220	289.341	ug/l	96
17) Carbon Disulfide	4.706	76	226138	42.635	ug/l	98
18) Methyl Acetate	5.018	43	108094	48.108	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	282616	48.135	ug/l	100
20) Methylene Chloride	5.271	84	95322	44.476	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	87778	46.418	ug/l	96
22) Diisopropyl ether	6.665	45	281466	46.165	ug/l	98
23) Vinyl Acetate	6.600	43	1037308	246.613	ug/l	100
24) 1,1-Dichloroethane	6.565	63	169467	46.447	ug/l	98
25) 2-Butanone	7.477	43	297377	258.973	ug/l	97
26) 2,2-Dichloropropane	7.489	77	159044	46.682	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	105165	46.131	ug/l	99
28) Bromochloromethane	7.812	49	63733	46.274	ug/l	95
29) Tetrahydrofuran	7.836	42	184053	257.747	ug/l	98
30) Chloroform	7.965	83	183970	47.401	ug/l	100
31) Cyclohexane	8.253	56	140953	43.877	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	165151	47.089	ug/l	98
36) 1,1-Dichloropropene	8.365	75	123613	51.043	ug/l	99
37) Ethyl Acetate	7.559	43	116196	52.778	ug/l	98
38) Carbon Tetrachloride	8.359	117	148269	53.041	ug/l	96
39) Methylcyclohexane	9.600	83	131927	52.424	ug/l	97
40) Benzene	8.606	78	386295	50.434	ug/l	98

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41) Methacrylonitrile	7.771	41	62238	51.058	ug/l	96
42) 1,2-Dichloroethane	8.671	62	132099	50.412	ug/l	99
43) Isopropyl Acetate	8.688	43	196670	43.006	ug/l	97
44) Trichloroethene	9.347	130	91956	51.660	ug/l	94
45) 1,2-Dichloropropane	9.618	63	92953	49.272	ug/l	93
46) Dibromomethane	9.706	93	67996	51.870	ug/l	98
47) Bromodichloromethane	9.888	83	145741	52.456	ug/l	97
48) Methyl methacrylate	9.677	41	91470	53.750	ug/l	98
49) 1,4-Dioxane	9.694	88	37193	1260.284	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	608624	291.377	ug/l	99
52) Toluene	10.630	92	245225	54.081	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	143697	51.589	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153615	51.984	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	91610	54.241	ug/l	98
56) Ethyl methacrylate	10.871	69	145017	58.759	ug/l	98
57) 1,3-Dichloropropane	11.165	76	154792	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312633	258.243	ug/l	100
59) 2-Hexanone	11.194	43	467460	299.229	ug/l	100
60) Dibromochloromethane	11.359	129	114019	55.238	ug/l	99
61) 1,2-Dibromoethane	11.465	107	93195	53.317	ug/l	97
64) Tetrachloroethene	11.100	164	83557	52.620	ug/l	97
65) Chlorobenzene	11.888	112	264819	49.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	96896	51.493	ug/l	99
67) Ethyl Benzene	11.959	91	466309	53.779	ug/l	99
68) m/p-Xylenes	12.071	106	362598	109.841	ug/l	100
69) o-Xylene	12.394	106	169397	53.945	ug/l	100
70) Styrene	12.412	104	301784	57.790	ug/l	98
71) Bromoform	12.576	173	79256	56.742	ug/l #	100
73) Isopropylbenzene	12.694	105	441629	52.158	ug/l	100
74) N-amyl acetate	12.494	43	176132	50.480	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	134339	46.462	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	109621m	50.213	ug/l	
77) Bromobenzene	12.976	156	109596	48.098	ug/l	99
78) n-propylbenzene	13.035	91	528037	54.068	ug/l	99
79) 2-Chlorotoluene	13.123	91	319326	48.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	387163	54.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49298m	49.850	ug/l	
82) 4-Chlorotoluene	13.218	91	331046	48.778	ug/l	99
83) tert-Butylbenzene	13.435	119	310870	50.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	387968	53.047	ug/l	100
85) sec-Butylbenzene	13.612	105	447037	54.132	ug/l	99
86) p-Isopropyltoluene	13.729	119	379947	55.734	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	202457	45.047	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202736	44.203	ug/l	98
89) n-Butylbenzene	14.053	91	317319	50.053	ug/l	99
90) Hexachloroethane	14.329	117	74535	50.159	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	190711	44.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26256	46.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	98579	42.133	ug/l	99
94) Hexachlorobutadiene	15.500	225	46941	43.472	ug/l	98
95) Naphthalene	15.641	128	299742	44.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97267	43.570	ug/l	99

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

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