

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085172.D
 Acq On : 10 Dec 2024 17:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 04:19:09 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 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99444	46.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.640%
35) Dibromofluoromethane	8.165	113	79991	47.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.565	98	283574	46.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.847	95	110078	48.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59712	35.036	ug/l	99
3) Chloromethane	2.359	50	50275	25.433	ug/l	97
4) Vinyl Chloride	2.506	62	57100	32.143	ug/l	98
5) Bromomethane	2.936	94	39428	39.599	ug/l	94
6) Chloroethane	3.106	64	42884	35.815	ug/l	99
7) Trichlorofluoromethane	3.489	101	125466	41.519	ug/l	94
8) Diethyl Ether	3.959	74	47068	45.762	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	74764	43.622	ug/l	100
10) Methyl Iodide	4.583	142	76562	33.747	ug/l	90
11) Tert butyl alcohol	5.524	59	97134	338.561	ug/l	96
12) 1,1-Dichloroethene	4.336	96	60788	37.997	ug/l	100
13) Acrolein	4.177	56	49457	258.340	ug/l	94
14) Allyl chloride	5.018	41	96139	35.648	ug/l	90
15) Acrylonitrile	5.718	53	226236	278.524	ug/l	98
16) Acetone	4.424	43	202444	323.765	ug/l	97
17) Carbon Disulfide	4.706	76	95778	20.283	ug/l	99
18) Methyl Acetate	5.030	43	113988	57.201	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	272387	52.111	ug/l	98
20) Methylene Chloride	5.277	84	79686	41.763	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	62643	37.210	ug/l	92
22) Diisopropyl ether	6.671	45	265521	48.917	ug/l	99
23) Vinyl Acetate	6.600	43	949873	253.662	ug/l	99
24) 1,1-Dichloroethane	6.565	63	150423	46.309	ug/l	99
25) 2-Butanone	7.483	43	298593	292.085	ug/l	97
26) 2,2-Dichloropropane	7.488	77	131960	43.507	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	90345	44.515	ug/l	98
28) Bromochloromethane	7.812	49	54322	44.303	ug/l	94
29) Tetrahydrofuran	7.841	42	186921	294.029	ug/l	99
30) Chloroform	7.965	83	166218	48.106	ug/l	98
31) Cyclohexane	8.259	56	90533	31.656	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	146456	46.906	ug/l	98
36) 1,1-Dichloropropene	8.371	75	92485	40.228	ug/l	99
37) Ethyl Acetate	7.559	43	111946	53.562	ug/l	100
38) Carbon Tetrachloride	8.359	117	126792	47.779	ug/l	96
39) Methylcyclohexane	9.600	83	84306	35.289	ug/l	95
40) Benzene	8.606	78	314532	43.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65765	56.831	ug/l	98
42) 1,2-Dichloroethane	8.671	62	120340	48.376	ug/l	100
43) Isopropyl Acetate	8.688	43	242787	55.924	ug/l	93
44) Trichloroethene	9.353	130	74301	43.970	ug/l	86
45) 1,2-Dichloropropane	9.618	63	83806	46.795	ug/l	99
46) Dibromomethane	9.706	93	60986	49.006	ug/l	99
47) Bromodichloromethane	9.888	83	138216	52.404	ug/l	97
48) Methyl methacrylate	9.682	41	95544	59.142	ug/l	96
49) 1,4-Dioxane	9.688	88	39779	1419.867	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	642306	323.917	ug/l	99
52) Toluene	10.629	92	206263	47.917	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	131148	49.597	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	136143	48.531	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	89853	56.040	ug/l	97
56) Ethyl methacrylate	10.871	69	142969	61.022	ug/l	98
57) 1,3-Dichloropropane	11.165	76	143204	50.747	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	342181	297.739	ug/l	99
59) 2-Hexanone	11.194	43	473207	319.078	ug/l	100
60) Dibromochloromethane	11.359	129	110253	56.265	ug/l	100
61) 1,2-Dibromoethane	11.471	107	87127	52.507	ug/l	98
64) Tetrachloroethene	11.100	164	64602	42.107	ug/l	96
65) Chlorobenzene	11.888	112	237555	46.005	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	94822	52.156	ug/l	99
67) Ethyl Benzene	11.965	91	412501	49.240	ug/l	99
68) m/p-Xylenes	12.070	106	316063	99.097	ug/l	99
69) o-Xylene	12.400	106	156020	51.425	ug/l	99
70) Styrene	12.412	104	276812	54.865	ug/l	98
71) Bromoform	12.576	173	78319	58.034	ug/l #	98
73) Isopropylbenzene	12.694	105	403225	49.762	ug/l	100
74) N-amyl acetate	12.494	43	186263	55.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137235	49.597	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94604m	45.281	ug/l	
77) Bromobenzene	12.982	156	102357	46.940	ug/l	99
78) n-propylbenzene	13.035	91	477810	51.123	ug/l	100
79) 2-Chlorotoluene	13.123	91	298295	47.811	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347320	51.080	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48536m	51.285	ug/l	
82) 4-Chlorotoluene	13.223	91	304025	46.810	ug/l	100
83) tert-Butylbenzene	13.435	119	305890	52.285	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	355279	50.760	ug/l	99
85) sec-Butylbenzene	13.617	105	412903	52.246	ug/l	100
86) p-Isopropyltoluene	13.729	119	346099	53.050	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	189358	44.026	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187023	42.610	ug/l	99
89) n-Butylbenzene	14.053	91	282283	46.527	ug/l	99
90) Hexachloroethane	14.335	117	70963	49.901	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	187898	45.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28131	52.575	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	91733	40.969	ug/l	98
94) Hexachlorobutadiene	15.500	225	42285	40.920	ug/l	98
95) Naphthalene	15.641	128	315637	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	93818	43.913	ug/l	99

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

