

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085155.D
 Acq On : 10 Dec 2024 10:17
 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 11 04:09:52 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	161771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114435	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	100968	43.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.640%
35) Dibromofluoromethane	8.165	113	80898	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.565	98	283027	46.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.847	95	109323	47.513	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	72444	39.604	ug/l	98
3) Chloromethane	2.359	50	75657	35.660	ug/l	99
4) Vinyl Chloride	2.512	62	83190	43.632	ug/l	99
5) Bromomethane	2.942	94	56111	52.506	ug/l	92
6) Chloroethane	3.112	64	57592	44.815	ug/l	97
7) Trichlorofluoromethane	3.489	101	156361	48.210	ug/l	97
8) Diethyl Ether	3.959	74	54924	49.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	90558	49.229	ug/l	99
10) Methyl Iodide	4.583	142	112211	46.083	ug/l	97
11) Tert butyl alcohol	5.524	59	94183	305.860	ug/l	96
12) 1,1-Dichloroethene	4.336	96	82512	48.055	ug/l	95
13) Acrolein	4.177	56	49200	239.449	ug/l	94
14) Allyl chloride	5.018	41	121955	42.132	ug/l	93
15) Acrylonitrile	5.718	53	241285	276.768	ug/l	99
16) Acetone	4.424	43	205958	306.894	ug/l	96
17) Carbon Disulfide	4.712	76	219247	43.261	ug/l	98
18) Methyl Acetate	5.024	43	116827	54.569	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	291303	51.925	ug/l	99
20) Methylene Chloride	5.271	84	95094	46.435	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	87744	48.561	ug/l	92
22) Diisopropyl ether	6.671	45	286562	49.189	ug/l	98
23) Vinyl Acetate	6.600	43	1064076	264.757	ug/l	99
24) 1,1-Dichloroethane	6.565	63	167962	48.178	ug/l	99
25) 2-Butanone	7.483	43	312705	285.003	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158470	48.679	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105122	48.259	ug/l	99
28) Bromochloromethane	7.812	49	63811	48.488	ug/l	93
29) Tetrahydrofuran	7.835	42	203138	297.720	ug/l	100
30) Chloroform	7.965	83	181439	48.925	ug/l	100
31) Cyclohexane	8.253	56	137900	44.926	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	167961	50.120	ug/l	99
36) 1,1-Dichloropropene	8.371	75	121699	52.334	ug/l	98
37) Ethyl Acetate	7.559	43	126344	59.763	ug/l	99
38) Carbon Tetrachloride	8.359	117	150001	55.882	ug/l	95
39) Methylcyclohexane	9.600	83	130835	54.143	ug/l	97
40) Benzene	8.606	78	382412	51.994	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69840	59.666	ug/l	99
42) 1,2-Dichloroethane	8.671	62	133886	53.210	ug/l	99
43) Isopropyl Acetate	8.688	43	216103	49.212	ug/l	99
44) Trichloroethene	9.353	130	90528	52.964	ug/l	89
45) 1,2-Dichloropropane	9.618	63	94473	52.151	ug/l	98
46) Dibromomethane	9.706	93	67708	53.789	ug/l	97
47) Bromodichloromethane	9.888	83	148442	55.641	ug/l	96
48) Methyl methacrylate	9.677	41	100482	61.491	ug/l	97
49) 1,4-Dioxane	9.694	88	37507	1323.546	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	648487	323.315	ug/l	99
52) Toluene	10.629	92	241011	55.352	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	149649	55.950	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	159530	56.221	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	93815	57.846	ug/l	97
56) Ethyl methacrylate	10.871	69	153163	64.629	ug/l	99
57) 1,3-Dichloropropane	11.159	76	158618	55.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	298456	256.740	ug/l	99
59) 2-Hexanone	11.194	43	502281	334.831	ug/l	99
60) Dibromochloromethane	11.359	129	114214	57.623	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95141	56.684	ug/l	98
64) Tetrachloroethene	11.100	164	83806	54.636	ug/l	98
65) Chlorobenzene	11.888	112	266304	51.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	98394	54.132	ug/l	99
67) Ethyl Benzene	11.965	91	472867	56.457	ug/l	99
68) m/p-Xylenes	12.070	106	363961	114.138	ug/l	98
69) o-Xylene	12.400	106	170850	56.325	ug/l	99
70) Styrene	12.412	104	299865	59.446	ug/l	99
71) Bromoform	12.576	173	79524	58.940	ug/l #	97
73) Isopropylbenzene	12.694	105	446376	55.292	ug/l	99
74) N-amyl acetate	12.494	43	187043	56.225	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138487	50.236	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94312m	45.310	ug/l	
77) Bromobenzene	12.976	156	109755	50.520	ug/l	99
78) n-propylbenzene	13.035	91	526627	56.557	ug/l	100
79) 2-Chlorotoluene	13.123	91	325020	52.289	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	388272	57.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53298	56.526	ug/l	95
82) 4-Chlorotoluene	13.217	91	332454	51.378	ug/l	100
83) tert-Butylbenzene	13.435	119	328162	56.301	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	386485	55.425	ug/l	99
85) sec-Butylbenzene	13.617	105	447308	56.810	ug/l	100
86) p-Isopropyltoluene	13.729	119	379255	58.349	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	203179	47.415	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	199118	45.534	ug/l	98
89) n-Butylbenzene	14.053	91	318390	52.674	ug/l	99
90) Hexachloroethane	14.335	117	73606	51.953	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	192705	46.931	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28376	53.231	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	102022	45.734	ug/l	98
94) Hexachlorobutadiene	15.500	225	47842	46.470	ug/l	97
95) Naphthalene	15.641	128	324727	51.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98754	46.396	ug/l	96

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

