

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085050.D
 Acq On : 26 Nov 2024 18:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:19:45 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	99406	45.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.159	113	77420	44.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	10.565	98	281059	45.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.847	95	108675	46.887	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	78431	45.208	ug/l	97
3) Chloromethane	2.359	50	82094	40.798	ug/l	97
4) Vinyl Chloride	2.512	62	79381	43.898	ug/l	97
5) Bromomethane	2.900	94	42503	41.935	ug/l	98
6) Chloroethane	3.065	64	52583	43.141	ug/l	100
7) Trichlorofluoromethane	3.459	101	143786	46.743	ug/l	99
8) Diethyl Ether	3.953	74	52756	50.388	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	81764	46.865	ug/l	99
10) Methyl Iodide	4.577	142	111146	48.128	ug/l	98
11) Tert butyl alcohol	5.535	59	92085	315.304	ug/l	99
12) 1,1-Dichloroethene	4.318	96	77314	47.476	ug/l	97
13) Acrolein	4.171	56	90114	462.414	ug/l	97
14) Allyl chloride	5.012	41	132081	48.111	ug/l	98
15) Acrylonitrile	5.718	53	224812	271.892	ug/l	98
16) Acetone	4.424	43	196100	308.090	ug/l	99
17) Carbon Disulfide	4.694	76	194013	40.363	ug/l	100
18) Methyl Acetate	5.018	43	118116	58.248	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	276560	51.977	ug/l	98
20) Methylene Chloride	5.265	84	89054	45.850	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	78484	45.797	ug/l	88
22) Diisopropyl ether	6.671	45	275336	49.831	ug/l	98
23) Vinyl Acetate	6.594	43	1030035	270.220	ug/l	99
24) 1,1-Dichloroethane	6.559	63	158805	48.028	ug/l	99
25) 2-Butanone	7.482	43	302206	290.407	ug/l	97
26) 2,2-Dichloropropane	7.482	77	145854	47.240	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	99330	48.079	ug/l	99
28) Bromochloromethane	7.812	49	61203	49.035	ug/l	95
29) Tetrahydrofuran	7.835	42	188504	291.291	ug/l	99
30) Chloroform	7.965	83	166044	47.208	ug/l	99
31) Cyclohexane	8.253	56	127216	43.698	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	154174	48.507	ug/l	98
36) 1,1-Dichloropropene	8.371	75	108611	46.366	ug/l	99
37) Ethyl Acetate	7.559	43	116373	54.646	ug/l	98
38) Carbon Tetrachloride	8.359	117	131332	48.571	ug/l	96
39) Methylcyclohexane	9.600	83	114201	46.916	ug/l	100
40) Benzene	8.600	78	356588	48.130	ug/l	99

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41) Methacrylonitrile	7.777	41	62758	53.226	ug/l	95
42) 1,2-Dichloroethane	8.665	62	123426	48.696	ug/l	100
43) Isopropyl Acetate	8.688	43	275827	62.355	ug/l #	89
44) Trichloroethene	9.347	130	80386	46.688	ug/l	92
45) 1,2-Dichloropropane	9.618	63	87009	47.681	ug/l	98
46) Dibromomethane	9.706	93	62202	49.056	ug/l	100
47) Bromodichloromethane	9.888	83	134764	50.146	ug/l	100
48) Methyl methacrylate	9.676	41	91748	55.737	ug/l	96
49) 1,4-Dioxane	9.694	88	35077	1228.790	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	605885	299.877	ug/l	99
52) Toluene	10.629	92	219828	50.120	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134511	49.924	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	140927	49.304	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	85550	52.366	ug/l	97
56) Ethyl methacrylate	10.870	69	138242	57.909	ug/l	97
57) 1,3-Dichloropropane	11.159	76	146001	50.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	357062	304.919	ug/l	100
59) 2-Hexanone	11.194	43	456163	301.875	ug/l	99
60) Dibromochloromethane	11.359	129	101239	50.705	ug/l	100
61) 1,2-Dibromoethane	11.470	107	85548	50.598	ug/l	100
64) Tetrachloroethene	11.100	164	68775	44.830	ug/l	97
65) Chlorobenzene	11.888	112	235294	45.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	88625	48.750	ug/l	100
67) Ethyl Benzene	11.964	91	415484	49.599	ug/l	98
68) m/p-Xylenes	12.070	106	317581	99.579	ug/l	99
69) o-Xylene	12.394	106	154101	50.796	ug/l	100
70) Styrene	12.412	104	263359	52.202	ug/l	99
71) Bromoform	12.576	173	68519	50.776	ug/l #	97
73) Isopropylbenzene	12.694	105	392356	47.841	ug/l	100
74) N-amyl acetate	12.494	43	177798	52.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	129135	46.111	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118889m	56.224	ug/l	
77) Bromobenzene	12.976	156	96650	43.792	ug/l	96
78) n-propylbenzene	13.035	91	452784	47.866	ug/l	99
79) 2-Chlorotoluene	13.123	91	287148	45.474	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	340710	49.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	47013	49.081	ug/l	93
82) 4-Chlorotoluene	13.217	91	286775	43.625	ug/l	99
83) tert-Butylbenzene	13.435	119	287470	48.549	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	339626	47.943	ug/l	99
85) sec-Butylbenzene	13.617	105	382841	47.862	ug/l	100
86) p-Isopropyltoluene	13.729	119	321691	48.719	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	175822	40.389	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	177138	39.875	ug/l	100
89) n-Butylbenzene	14.053	91	260916	42.490	ug/l	99
90) Hexachloroethane	14.329	117	64448	44.778	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	180536	43.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27604	50.973	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	89421	39.459	ug/l	100
94) Hexachlorobutadiene	15.500	225	41070	39.268	ug/l	99
95) Naphthalene	15.641	128	297179	46.043	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	87745	40.579	ug/l	97

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

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