

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084958.D
 Acq On : 19 Nov 2024 19:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	152211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101217	46.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.165	113	82767	46.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	10.565	98	294155	44.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.847	95	120331	49.136	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	86181	49.253	ug/l	96
3) Chloromethane	2.359	50	98416	47.823	ug/l	99
4) Vinyl Chloride	2.512	62	95390	50.686	ug/l	100
5) Bromomethane	2.901	94	50509	50.654	ug/l	100
6) Chloroethane	3.065	64	64070	55.140	ug/l	96
7) Trichlorofluoromethane	3.465	101	160819	51.874	ug/l	98
8) Diethyl Ether	3.953	74	63564	58.123	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.348	101	92174	52.618	ug/l	100
10) Methyl Iodide	4.571	142	129866	55.469	ug/l	93
11) Tert butyl alcohol	5.548	59	95161	327.929	ug/l	100
12) 1,1-Dichloroethene	4.324	96	88168	50.865	ug/l	95
13) Acrolein	4.171	56	90872	314.037	ug/l	99
14) Allyl chloride	5.006	41	150014	53.365	ug/l	93
15) Acrylonitrile	5.712	53	261014	310.701	ug/l	99
16) Acetone	4.430	43	209022	330.058	ug/l	97
17) Carbon Disulfide	4.695	76	230669	43.213	ug/l	100
18) Methyl Acetate	5.018	43	145022	63.602	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	322468	60.696	ug/l	98
20) Methylene Chloride	5.271	84	106009	54.826	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	90136	50.642	ug/l	91
22) Diisopropyl ether	6.671	45	324085	58.021	ug/l	98
23) Vinyl Acetate	6.594	43	1180268	306.409	ug/l	99
24) 1,1-Dichloroethane	6.565	63	184882	55.131	ug/l	98
25) 2-Butanone	7.483	43	339995	331.494	ug/l	98
26) 2,2-Dichloropropane	7.483	77	128037	43.867	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	113983	54.845	ug/l	95
28) Bromochloromethane	7.806	49	78627	58.849	ug/l	97
29) Tetrahydrofuran	7.836	42	227099	333.759	ug/l	97
30) Chloroform	7.965	83	191245	56.030	ug/l	99
31) Cyclohexane	8.253	56	150439	49.565	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	174219	56.079	ug/l	97
36) 1,1-Dichloropropene	8.365	75	126651	51.338	ug/l	99
37) Ethyl Acetate	7.559	43	139778	62.448	ug/l	99
38) Carbon Tetrachloride	8.359	117	146903	53.274	ug/l	94
39) Methylcyclohexane	9.600	83	137151	54.647	ug/l	97
40) Benzene	8.600	78	413561	52.199	ug/l	99

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41) Methacrylonitrile	7.771	41	79117	65.730	ug/l	99
42) 1,2-Dichloroethane	8.671	62	141640	55.202	ug/l	100
43) Isopropyl Acetate	8.688	43	267240	64.915	ug/l	97
44) Trichloroethene	9.347	130	94441	51.687	ug/l	97
45) 1,2-Dichloropropane	9.618	63	100152	53.888	ug/l	97
46) Dibromomethane	9.706	93	72686	55.425	ug/l	98
47) Bromodichloromethane	9.888	83	151877	54.940	ug/l	100
48) Methyl methacrylate	9.677	41	110720	63.558	ug/l	98
49) 1,4-Dioxane	9.694	88	37704	1221.395	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	723314	338.982	ug/l	99
52) Toluene	10.630	92	252390	54.469	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	145760	50.939	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	157666	52.060	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	98556	56.465	ug/l	97
56) Ethyl methacrylate	10.871	69	164088	64.993	ug/l	96
57) 1,3-Dichloropropane	11.159	76	167387	55.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	377615	319.637	ug/l	97
59) 2-Hexanone	11.194	43	536162	345.210	ug/l	98
60) Dibromochloromethane	11.359	129	114446	57.532	ug/l	100
61) 1,2-Dibromoethane	11.465	107	99914	55.900	ug/l	99
64) Tetrachloroethene	11.100	164	85091	52.479	ug/l	97
65) Chlorobenzene	11.888	112	269382	49.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	99013	52.198	ug/l	99
67) Ethyl Benzene	11.959	91	479657	52.693	ug/l	99
68) m/p-Xylenes	12.071	106	362832	105.283	ug/l	99
69) o-Xylene	12.394	106	177487	55.054	ug/l	99
70) Styrene	12.412	104	303144	53.903	ug/l	99
71) Bromoform	12.576	173	77759	54.478	ug/l #	99
73) Isopropylbenzene	12.694	105	446353	50.648	ug/l	99
74) N-amyl acetate	12.494	43	213889	57.023	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	151284	51.429	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125050m	49.744	ug/l	
77) Bromobenzene	12.982	156	107262	45.274	ug/l	98
78) n-propylbenzene	13.035	91	508504	49.239	ug/l	99
79) 2-Chlorotoluene	13.123	91	324690	48.117	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	382483	52.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49380	46.601	ug/l	98
82) 4-Chlorotoluene	13.218	91	327149	46.068	ug/l	99
83) tert-Butylbenzene	13.435	119	326481	54.007	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	386682	51.293	ug/l	98
85) sec-Butylbenzene	13.618	105	433341	50.747	ug/l	99
86) p-Isopropyltoluene	13.729	119	363170	51.858	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	198485	42.928	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	199901	47.062	ug/l	99
89) n-Butylbenzene	14.053	91	300302	45.841	ug/l	100
90) Hexachloroethane	14.329	117	70949	45.429	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	207798	46.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30515	51.205	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	99130	40.763	ug/l	97
94) Hexachlorobutadiene	15.500	225	44047	41.245	ug/l	98
95) Naphthalene	15.635	128	361946	49.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	99818	42.284	ug/l	99

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

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