

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084281.D
 Acq On : 02 Oct 2024 21:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 02:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118619	49.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	8.165	113	92218	49.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.565	98	355215	52.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.847	95	128614	51.989	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89658	47.001	ug/l	93
3) Chloromethane	2.359	50	102406	47.016	ug/l	97
4) Vinyl Chloride	2.512	62	99048	46.946	ug/l	95
5) Bromomethane	2.947	94	60742	43.648	ug/l	100
6) Chloroethane	3.112	64	61141	40.464	ug/l	95
7) Trichlorofluoromethane	3.495	101	158186	48.149	ug/l	99
8) Diethyl Ether	3.959	74	55676	45.693	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	89530	47.559	ug/l	98
10) Methyl Iodide	4.589	142	114621	47.280	ug/l	95
11) Tert butyl alcohol	5.524	59	85674	217.295	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	88301	48.630	ug/l	94
13) Acrolein	4.177	56	112760	249.120	ug/l	98
14) Allyl chloride	5.024	41	135495	42.967	ug/l	99
15) Acrylonitrile	5.718	53	245713	246.785	ug/l	99
16) Acetone	4.424	43	203400	198.019	ug/l	98
17) Carbon Disulfide	4.712	76	249023	43.317	ug/l	98
18) Methyl Acetate	5.024	43	109349	48.843	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	294912	48.121	ug/l	100
20) Methylene Chloride	5.277	84	98705	47.272	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	91458	48.077	ug/l	99
22) Diisopropyl ether	6.671	45	327763	50.248	ug/l	97
23) Vinyl Acetate	6.600	43	1342598	277.512	ug/l	99
24) 1,1-Dichloroethane	6.571	63	181511	49.760	ug/l	99
25) 2-Butanone	7.482	43	321249	229.623	ug/l	97
26) 2,2-Dichloropropane	7.488	77	137385	41.771	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	108257	47.093	ug/l	99
28) Bromochloromethane	7.812	49	83943	51.577	ug/l	99
29) Tetrahydrofuran	7.841	42	216051	250.244	ug/l	100
30) Chloroform	7.965	83	183758	48.497	ug/l	97
31) Cyclohexane	8.259	56	157794	44.553	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	166065	48.800	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130137	48.541	ug/l	100
37) Ethyl Acetate	7.559	43	135961	49.432	ug/l	100
38) Carbon Tetrachloride	8.365	117	144864	49.258	ug/l	97
39) Methylcyclohexane	9.600	83	144325	48.369	ug/l	97
40) Benzene	8.606	78	412858	49.426	ug/l	97

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41) Methacrylonitrile	7.777	41	75524	50.579	ug/l	98
42) 1,2-Dichloroethane	8.671	62	138518	48.915	ug/l	99
43) Isopropyl Acetate	8.688	43	223148	41.421	ug/l	99
44) Trichloroethene	9.353	130	96911	49.674	ug/l	97
45) 1,2-Dichloropropane	9.618	63	100016	50.615	ug/l	99
46) Dibromomethane	9.706	93	69014	51.755	ug/l	98
47) Bromodichloromethane	9.888	83	151952	51.290	ug/l #	99
48) Methyl methacrylate	9.676	41	108276	50.489	ug/l	98
49) 1,4-Dioxane	9.694	88	37597	952.271	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	678130	258.995	ug/l	100
52) Toluene	10.629	92	254306	49.926	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	148365	49.129	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	157775	48.572	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	93598	51.257	ug/l	95
56) Ethyl methacrylate	10.871	69	157586	52.447	ug/l	98
57) 1,3-Dichloropropane	11.159	76	164143	50.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	364109	261.228	ug/l	99
59) 2-Hexanone	11.194	43	497579	254.260	ug/l	100
60) Dibromochloromethane	11.359	129	108463	50.272	ug/l	97
61) 1,2-Dibromoethane	11.470	107	94472	49.790	ug/l	99
64) Tetrachloroethene	11.100	164	85392	48.369	ug/l	98
65) Chlorobenzene	11.888	112	269466	47.949	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	93979	48.550	ug/l	100
67) Ethyl Benzene	11.965	91	485611	48.861	ug/l	99
68) m/p-Xylenes	12.070	106	367981	100.093	ug/l	99
69) o-Xylene	12.394	106	174646	50.211	ug/l	98
70) Styrene	12.412	104	306205	51.974	ug/l	97
71) Bromoform	12.576	173	71821	50.396	ug/l #	96
73) Isopropylbenzene	12.694	105	448331	46.119	ug/l	100
74) N-amyl acetate	12.494	43	201172	45.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137150	46.919	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129986m	49.980	ug/l	
77) Bromobenzene	12.976	156	107600	45.887	ug/l	96
78) n-propylbenzene	13.035	91	538795	47.837	ug/l	99
79) 2-Chlorotoluene	13.123	91	329783	45.886	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	384180	48.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46024	42.426	ug/l	90
82) 4-Chlorotoluene	13.217	91	336510	46.512	ug/l	100
83) tert-Butylbenzene	13.435	119	332965	47.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	391792	49.046	ug/l	99
85) sec-Butylbenzene	13.617	105	451363	47.992	ug/l	99
86) p-Isopropyltoluene	13.729	119	378259	48.637	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	198896	45.214	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	197907	44.550	ug/l	99
89) n-Butylbenzene	14.053	91	322466	45.727	ug/l	99
90) Hexachloroethane	14.329	117	70778	44.835	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	192762	44.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26556	44.025	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	91974	43.290	ug/l	99
94) Hexachlorobutadiene	15.500	225	41857	39.506	ug/l	97
95) Naphthalene	15.641	128	297627	42.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	91028	42.802	ug/l	98

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

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