

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083547.D
 Acq On : 29 Aug 2024 09:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121788	57.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.740%			
35) Dibromofluoromethane	8.165	113	89265	56.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.520%			
50) Toluene-d8	10.565	98	316574	53.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.847	95	128949	55.889	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	76965	45.905	ug/l	100
3) Chloromethane	2.359	50	86206	50.221	ug/l	96
4) Vinyl Chloride	2.512	62	92387	52.747	ug/l	98
5) Bromomethane	2.901	94	47731	43.918	ug/l	98
6) Chloroethane	3.071	64	63603	58.042	ug/l	98
7) Trichlorofluoromethane	3.471	101	165575	57.224	ug/l	94
8) Diethyl Ether	3.953	74	63635	59.102	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	94438	59.199	ug/l	97
10) Methyl Iodide	4.571	142	121520	57.909	ug/l	97
11) Tert butyl alcohol	5.530	59	118732	271.482	ug/l	100
12) 1,1-Dichloroethene	4.324	96	87285	53.257	ug/l	91
13) Acrolein	4.171	56	63393	222.402	ug/l	100
14) Allyl chloride	5.012	41	165056	53.293	ug/l	91
15) Acrylonitrile	5.718	53	262504	291.844	ug/l	99
16) Acetone	4.424	43	225792	274.196	ug/l	99
17) Carbon Disulfide	4.700	76	209588	43.705	ug/l	100
18) Methyl Acetate	5.018	43	143496	58.487	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	358466	60.596	ug/l	98
20) Methylene Chloride	5.271	84	103108	54.405	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	91051	53.752	ug/l	94
22) Diisopropyl ether	6.671	45	361071	62.020	ug/l	97
23) Vinyl Acetate	6.600	43	1890949	316.886	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	189930	59.852	ug/l	97
25) 2-Butanone	7.483	43	354489	280.359	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	174592	59.244	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	118691	58.066	ug/l	94
28) Bromochloromethane	7.812	49	72597	55.980	ug/l	86
29) Tetrahydrofuran	7.835	42	228773	279.893	ug/l #	86
30) Chloroform	7.965	83	208487	63.239	ug/l	98
31) Cyclohexane	8.253	56	157866	50.619	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	187265	60.010	ug/l	97
36) 1,1-Dichloropropene	8.371	75	136342	56.809	ug/l	99
37) Ethyl Acetate	7.559	43	146248	54.424	ug/l #	95
38) Carbon Tetrachloride	8.359	117	161039	59.574	ug/l	99
39) Methylcyclohexane	9.600	83	163919	55.607	ug/l	92
40) Benzene	8.606	78	425249	59.478	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86453	56.583	ug/l	95
42) 1,2-Dichloroethane	8.671	62	165180	63.422	ug/l	98
43) Isopropyl Acetate	8.688	43	292983	63.942	ug/l #	96
44) Trichloroethene	9.353	130	97694	57.407	ug/l	97
45) 1,2-Dichloropropane	9.618	63	106598	62.811	ug/l	97
46) Dibromomethane	9.706	93	76835	63.251	ug/l	99
47) Bromodichloromethane	9.888	83	164334	60.249	ug/l	98
48) Methyl methacrylate	9.682	41	127652	57.459	ug/l	92
49) 1,4-Dioxane	9.694	88	43491	1085.092	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	750551	295.363	ug/l	93
52) Toluene	10.629	92	269867	59.739	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	175142	62.511	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180792	60.667	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	106128	65.555	ug/l	95
56) Ethyl methacrylate	10.876	69	181458	59.457	ug/l	89
57) 1,3-Dichloropropane	11.165	76	183810	63.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378878	293.691	ug/l	97
59) 2-Hexanone	11.194	43	562783	286.272	ug/l	93
60) Dibromochloromethane	11.359	129	123954	63.328	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105600	62.093	ug/l	98
64) Tetrachloroethene	11.106	164	84972	57.995	ug/l	96
65) Chlorobenzene	11.888	112	291874	59.701	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	105455	61.160	ug/l	99
67) Ethyl Benzene	11.965	91	529479	59.037	ug/l	100
68) m/p-Xylenes	12.070	106	393836	117.229	ug/l	97
69) o-Xylene	12.400	106	198691	59.965	ug/l	99
70) Styrene	12.412	104	331149	59.505	ug/l	98
71) Bromoform	12.576	173	80703	61.784	ug/l #	100
73) Isopropylbenzene	12.694	105	514841	54.450	ug/l	100
74) N-amyl acetate	12.494	43	241217	52.155	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	154587	57.805	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	134216m	54.096	ug/l	
77) Bromobenzene	12.982	156	116563	55.495	ug/l	96
78) n-propylbenzene	13.035	91	594661	54.618	ug/l	100
79) 2-Chlorotoluene	13.123	91	380489	55.121	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	434327	54.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	57709	50.596	ug/l	94
82) 4-Chlorotoluene	13.223	91	378319	54.639	ug/l	98
83) tert-Butylbenzene	13.435	119	387763	55.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	446968	56.027	ug/l	99
85) sec-Butylbenzene	13.617	105	526768	55.068	ug/l	99
86) p-Isopropyltoluene	13.729	119	442750	56.057	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	219066	55.428	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	222828	55.924	ug/l	98
89) n-Butylbenzene	14.059	91	385304	56.300	ug/l	99
90) Hexachloroethane	14.335	117	85502	56.033	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	227334	59.441	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35702	55.015	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	123437	57.609	ug/l	97
94) Hexachlorobutadiene	15.500	225	49844	52.308	ug/l	97
95) Naphthalene	15.641	128	425764	56.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121561	57.337	ug/l	97

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

