

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084909.D
 Acq On : 17 Nov 2024 20:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:29:00 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	145777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103060	48.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.165	113	82872	50.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	10.565	98	299123	49.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	116907	51.936	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79992	47.733	ug/l	93
3) Chloromethane	2.359	50	97604	49.616	ug/l	100
4) Vinyl Chloride	2.512	62	97851	54.288	ug/l	98
5) Bromomethane	2.901	94	54161	56.714	ug/l	99
6) Chloroethane	3.065	64	64712	58.229	ug/l	100
7) Trichlorofluoromethane	3.459	101	168186	56.645	ug/l	96
8) Diethyl Ether	3.953	74	54099	51.651	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	84417	50.316	ug/l	97
10) Methyl Iodide	4.571	142	120448	53.717	ug/l	97
11) Tert butyl alcohol	5.536	59	79122	284.691	ug/l	100
12) 1,1-Dichloroethene	4.324	96	79715	48.018	ug/l	98
13) Acrolein	4.171	56	72881	262.980	ug/l	96
14) Allyl chloride	5.012	41	126951	47.154	ug/l	93
15) Acrylonitrile	5.712	53	214074	266.072	ug/l	99
16) Acetone	4.430	43	170425	280.559	ug/l	99
17) Carbon Disulfide	4.695	76	219507	42.937	ug/l	99
18) Methyl Acetate	5.018	43	107167	48.083	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	279206	54.872	ug/l	94
20) Methylene Chloride	5.265	84	91819	49.583	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	81611	47.876	ug/l	98
22) Diisopropyl ether	6.665	45	264926	49.523	ug/l	98
23) Vinyl Acetate	6.595	43	989607	268.251	ug/l	97
24) 1,1-Dichloroethane	6.565	63	161155	50.177	ug/l	97
25) 2-Butanone	7.483	43	272521	277.435	ug/l	97
26) 2,2-Dichloropropane	7.483	77	122701	43.894	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	99940	50.211	ug/l	95
28) Bromochloromethane	7.812	49	63639	49.734	ug/l	87
29) Tetrahydrofuran	7.836	42	176559	270.935	ug/l	93
30) Chloroform	7.959	83	171940	52.598	ug/l	95
31) Cyclohexane	8.253	56	136081	46.814	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	160486	53.939	ug/l	95
36) 1,1-Dichloropropene	8.365	75	116832	51.522	ug/l	99
37) Ethyl Acetate	7.553	43	109558	53.251	ug/l	97
38) Carbon Tetrachloride	8.359	117	142154	56.085	ug/l	97
39) Methylcyclohexane	9.594	83	124764	54.083	ug/l	98
40) Benzene	8.600	78	365643	50.209	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	61024	55.156	ug/l	93
42) 1,2-Dichloroethane	8.665	62	126981	53.841	ug/l	99
43) Isopropyl Acetate	8.688	43	194177	51.109	ug/l	97
44) Trichloroethene	9.347	130	86465	51.483	ug/l	98
45) 1,2-Dichloropropane	9.618	63	86675	50.737	ug/l	94
46) Dibromomethane	9.706	93	63245	52.466	ug/l	96
47) Bromodichloromethane	9.883	83	135570	53.353	ug/l	98
48) Methyl methacrylate	9.677	41	90613	56.590	ug/l	96
49) 1,4-Dioxane	9.694	88	33898	1194.662	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	561957	286.520	ug/l	97
52) Toluene	10.630	92	229773	53.949	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134769	51.239	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	142978	51.361	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	85041	53.007	ug/l	96
56) Ethyl methacrylate	10.871	69	139998	60.328	ug/l	94
57) 1,3-Dichloropropane	11.159	76	148819	54.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	313736	288.918	ug/l	95
59) 2-Hexanone	11.194	43	415570	291.095	ug/l	96
60) Dibromochloromethane	11.359	129	103955	56.853	ug/l	100
61) 1,2-Dibromoethane	11.465	107	87232	53.096	ug/l	99
64) Tetrachloroethene	11.100	164	74811	52.253	ug/l	98
65) Chlorobenzene	11.888	112	246450	51.181	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	92836	55.427	ug/l	97
67) Ethyl Benzene	11.959	91	436251	54.275	ug/l	100
68) m/p-Xylenes	12.071	106	331346	108.888	ug/l	98
69) o-Xylene	12.394	106	159179	55.918	ug/l	97
70) Styrene	12.412	104	278012	55.985	ug/l	99
71) Bromoform	12.576	173	69573	55.203	ug/l #	97
73) Isopropylbenzene	12.694	105	413792	54.153	ug/l	100
74) N-amyl acetate	12.494	43	171747	52.810	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	126946	49.773	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	107321m	49.238	ug/l	
77) Bromobenzene	12.976	156	102740	50.015	ug/l	92
78) n-propylbenzene	13.035	91	472992	52.824	ug/l	99
79) 2-Chlorotoluene	13.123	91	304575	52.058	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	356319	56.263	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43555	47.407	ug/l	98
82) 4-Chlorotoluene	13.218	91	303261	49.253	ug/l	98
83) tert-Butylbenzene	13.435	119	307629	58.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	358117	54.788	ug/l	98
85) sec-Butylbenzene	13.618	105	398386	53.808	ug/l	99
86) p-Isopropyltoluene	13.729	119	341371	56.220	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	186228	46.454	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	186440	50.749	ug/l	100
89) n-Butylbenzene	14.053	91	276493	48.679	ug/l	99
90) Hexachloroethane	14.329	117	65775	48.574	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	189180	49.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27364	52.960	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	98246	46.595	ug/l	100
94) Hexachlorobutadiene	15.500	225	45226	48.843	ug/l	96
95) Naphthalene	15.641	128	313685	49.703	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	97158	47.468	ug/l	98

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

