

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084428.D
 Acq On : 21 Oct 2024 11:38
 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 10/22/2024
 Supervised By : Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:29:31 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	157355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124506	53.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	8.165	113	101751	58.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.460%			
50) Toluene-d8	10.565	98	376165	59.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.020%#			
62) 4-Bromofluorobenzene	12.847	95	137246	59.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83308	44.759	ug/l	98
3) Chloromethane	2.359	50	94679	44.550	ug/l	98
4) Vinyl Chloride	2.512	62	93996	45.660	ug/l	97
5) Bromomethane	2.936	94	58206	42.866	ug/l	93
6) Chloroethane	3.106	64	63113	42.808	ug/l	94
7) Trichlorofluoromethane	3.489	101	164207	51.224	ug/l	99
8) Diethyl Ether	3.959	74	59329	49.902	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	94908	51.670	ug/l	99
10) Methyl Iodide	4.583	142	116312	49.171	ug/l	96
11) Tert butyl alcohol	5.530	59	94486	245.606	ug/l	100
12) 1,1-Dichloroethene	4.342	96	89116	50.300	ug/l	98
13) Acrolein	4.177	56	85169	192.843	ug/l	100
14) Allyl chloride	5.018	41	134288	43.643	ug/l	98
15) Acrylonitrile	5.718	53	275307	283.386	ug/l	99
16) Acetone	4.430	43	249463	248.905	ug/l	100
17) Carbon Disulfide	4.706	76	224021	39.937	ug/l	99
18) Methyl Acetate	5.024	43	143956	65.900	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	319663	53.457	ug/l	98
20) Methylene Chloride	5.271	84	105509	51.787	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	93324	50.278	ug/l	94
22) Diisopropyl ether	6.671	45	336994	52.949	ug/l	99
23) Vinyl Acetate	6.606	43	1190800	252.258	ug/l	100
24) 1,1-Dichloroethane	6.571	63	187107	52.570	ug/l	98
25) 2-Butanone	7.483	43	367222	269.013	ug/l	99
26) 2,2-Dichloropropane	7.488	77	159617	49.738	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	118267	52.728	ug/l	96
28) Bromochloromethane	7.812	49	83905	52.836	ug/l	93
29) Tetrahydrofuran	7.841	42	238619	283.258	ug/l	98
30) Chloroform	7.965	83	201405	54.476	ug/l	98
31) Cyclohexane	8.259	56	150876	43.659	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	175417	52.830	ug/l	98
36) 1,1-Dichloropropene	8.371	75	130914	52.021	ug/l	98
37) Ethyl Acetate	7.559	43	137280	53.172	ug/l	98
38) Carbon Tetrachloride	8.359	117	149628	54.202	ug/l	97
39) Methylcyclohexane	9.600	83	137117	48.955	ug/l	97
40) Benzene	8.606	78	429647	54.796	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79086	56.424	ug/l	96
42) 1,2-Dichloroethane	8.671	62	144178	54.240	ug/l	99
43) Isopropyl Acetate	8.688	43	233616	46.197	ug/l	98
44) Trichloroethene	9.353	130	98494	53.784	ug/l	100
45) 1,2-Dichloropropane	9.618	63	105490	56.873	ug/l	96
46) Dibromomethane	9.706	93	74735	59.706	ug/l	98
47) Bromodichloromethane	9.888	83	159166	57.235	ug/l #	96
48) Methyl methacrylate	9.682	41	112649	55.960	ug/l	99
49) 1,4-Dioxane	9.694	88	46681	1259.594	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	757152	308.066	ug/l	99
52) Toluene	10.629	92	268859	56.231	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157928	55.712	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	171021	56.089	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	104404	60.910	ug/l	97
56) Ethyl methacrylate	10.871	69	164383	58.283	ug/l	96
57) 1,3-Dichloropropane	11.165	76	176631	57.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	397738	303.996	ug/l	97
59) 2-Hexanone	11.194	43	560104	304.908	ug/l	97
60) Dibromochloromethane	11.359	129	122440	60.458	ug/l	99
61) 1,2-Dibromoethane	11.471	107	102008	57.274	ug/l	100
64) Tetrachloroethene	11.100	164	89495	52.523	ug/l	97
65) Chlorobenzene	11.888	112	289014	53.283	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	103631	55.468	ug/l	98
67) Ethyl Benzene	11.965	91	506469	52.799	ug/l	99
68) m/p-Xylenes	12.071	106	394932	111.301	ug/l	99
69) o-Xylene	12.394	106	187215	55.767	ug/l	100
70) Styrene	12.412	104	331204	58.246	ug/l	98
71) Bromoform	12.576	173	81253	59.072	ug/l #	100
73) Isopropylbenzene	12.694	105	484656	49.760	ug/l	100
74) N-amyl acetate	12.494	43	204351	46.332	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	152956	52.226	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	127281m	48.846	ug/l	
77) Bromobenzene	12.976	156	118952	50.631	ug/l	96
78) n-propylbenzene	13.035	91	576662	51.101	ug/l	98
79) 2-Chlorotoluene	13.123	91	354683	49.256	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	416797	52.460	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	58513	53.835	ug/l	90
82) 4-Chlorotoluene	13.218	91	364438	50.275	ug/l	99
83) tert-Butylbenzene	13.435	119	352099	49.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	421969	52.722	ug/l	99
85) sec-Butylbenzene	13.617	105	492135	52.226	ug/l	99
86) p-Isopropyltoluene	13.729	119	412249	52.906	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	226954	51.493	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	223977	50.322	ug/l	99
89) n-Butylbenzene	14.053	91	349709	49.495	ug/l	99
90) Hexachloroethane	14.329	117	76242	48.204	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	220370	50.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30011	49.657	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	109356	51.373	ug/l	99
94) Hexachlorobutadiene	15.500	225	50783	47.838	ug/l	96
95) Naphthalene	15.641	128	361412	51.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	110846	52.021	ug/l	99

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

