

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082337.D
 Acq On : 28 May 2024 10:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/29/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: May 29 06:45:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	351129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170875	47.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.520%
35) Dibromofluoromethane	8.165	113	120420	51.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.565	98	426077	47.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.847	95	171104	53.229	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	142623	43.655	ug/l	98
3) Chloromethane	2.359	50	148613	40.138	ug/l	99
4) Vinyl Chloride	2.512	62	145398	41.771	ug/l	99
5) Bromomethane	2.948	94	88903	44.435	ug/l	99
6) Chloroethane	3.118	64	97474	42.886	ug/l	100
7) Trichlorofluoromethane	3.495	101	225010	49.366	ug/l	98
8) Diethyl Ether	3.959	74	92880	57.200	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	127983	48.067	ug/l	99
10) Methyl Iodide	4.589	142	135369	50.573	ug/l	99
11) Tert butyl alcohol	5.518	59	155843	271.327	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121848	49.235	ug/l	84
13) Acrolein	4.177	56	118329	278.008	ug/l	98
14) Allyl chloride	5.024	41	245137	46.265	ug/l #	89
15) Acrylonitrile	5.718	53	389632	261.928	ug/l	100
16) Acetone	4.424	43	362492	246.959	ug/l	89
17) Carbon Disulfide	4.712	76	329037	41.165	ug/l	99
18) Methyl Acetate	5.018	43	194470	53.200	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	523811	57.906	ug/l	96
20) Methylene Chloride	5.277	84	147886	49.936	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	132123	48.991	ug/l #	81
22) Diisopropyl ether	6.671	45	561952	50.791	ug/l #	93
23) Vinyl Acetate	6.600	43	2323303	266.336	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	279178	48.955	ug/l	97
25) 2-Butanone	7.483	43	556657	250.132	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	256427	53.684	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	168891	53.064	ug/l	83
28) Bromochloromethane	7.812	49	113124	45.450	ug/l #	82
29) Tetrahydrofuran	7.841	42	366521	256.513	ug/l	86
30) Chloroform	7.965	83	293696	53.931	ug/l	100
31) Cyclohexane	8.253	56	232590m	40.699	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	256524	53.096	ug/l	94
36) 1,1-Dichloropropene	8.371	75	192552	48.874	ug/l	97
37) Ethyl Acetate	7.559	43	232205	52.665	ug/l	96
38) Carbon Tetrachloride	8.365	117	216978	54.329	ug/l	98
39) Methylcyclohexane	9.600	83	206162	47.739	ug/l #	89
40) Benzene	8.606	78	603718	51.387	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	135722	52.341	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	247581	54.794	ug/l		94
43) Isopropyl Acetate	8.688	43	432292	55.333	ug/l	#	90
44) Trichloroethene	9.353	130	141847	53.152	ug/l		94
45) 1,2-Dichloropropane	9.624	63	156074	51.489	ug/l		99
46) Dibromomethane	9.712	93	111348	55.951	ug/l		97
47) Bromodichloromethane	9.888	83	244620	58.225	ug/l		98
48) Methyl methacrylate	9.682	41	207678	55.787	ug/l	#	82
49) 1,4-Dioxane	9.694	88	60912	1167.678	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1216699	274.102	ug/l		91
52) Toluene	10.629	92	384894	54.593	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	263558	60.657	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	267150	58.085	ug/l	#	79
55) 1,1,2-Trichloroethane	11.018	97	147517	57.576	ug/l		98
56) Ethyl methacrylate	10.876	69	265668	61.074	ug/l	#	74
57) 1,3-Dichloropropane	11.165	76	264479	55.209	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	602674	268.606	ug/l		93
59) 2-Hexanone	11.194	43	913841	281.169	ug/l		91
60) Dibromochloromethane	11.359	129	183858	65.026	ug/l		99
61) 1,2-Dibromoethane	11.471	107	152559	57.971	ug/l		98
64) Tetrachloroethene	11.106	164	137262	52.741	ug/l		96
65) Chlorobenzene	11.894	112	417012	53.760	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	154933	60.637	ug/l		98
67) Ethyl Benzene	11.965	91	751959	54.191	ug/l		97
68) m/p-Xylenes	12.070	106	562922	110.688	ug/l		94
69) o-Xylene	12.400	106	277933	56.418	ug/l		93
70) Styrene	12.412	104	477271	58.327	ug/l		96
71) Bromoform	12.576	173	126475	62.065	ug/l	#	98
73) Isopropylbenzene	12.694	105	704223	54.103	ug/l		98
74) N-amyl acetate	12.494	43	386599	53.997	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	204196	54.422	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	195618m	56.726	ug/l		
77) Bromobenzene	12.982	156	177590	57.251	ug/l		92
78) n-propylbenzene	13.035	91	824035	53.462	ug/l		97
79) 2-Chlorotoluene	13.123	91	517646	53.483	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	584156	55.502	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	87883	59.608	ug/l	#	84
82) 4-Chlorotoluene	13.223	91	518653	54.808	ug/l		95
83) tert-Butylbenzene	13.441	119	495699	53.835	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	598253	55.559	ug/l		99
85) sec-Butylbenzene	13.617	105	687620	53.878	ug/l		98
86) p-Isopropyltoluene	13.729	119	577672	55.694	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	316319	56.287	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	316905	55.251	ug/l		99
89) n-Butylbenzene	14.059	91	511900	54.909	ug/l		98
90) Hexachloroethane	14.335	117	111953	58.256	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	303669	57.086	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47262	61.307	ug/l		91
93) 1,2,4-Trichlorobenzene	15.394	180	179313	60.136	ug/l		99
94) Hexachlorobutadiene	15.500	225	69568	53.171	ug/l		97
95) Naphthalene	15.641	128	606095	64.861	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	175519	58.800	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

