

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082362.D
 Acq On : 29 May 2024 10:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 30 05:38:55 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170387	51.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.360%			
35) Dibromofluoromethane	8.165	113	117983	52.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.160%			
50) Toluene-d8	10.565	98	416325	48.390	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.780%			
62) 4-Bromofluorobenzene	12.847	95	162701	52.983	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	133267	43.841	ug/l	97
3) Chloromethane	2.365	50	139877	40.603	ug/l	97
4) Vinyl Chloride	2.518	62	177241	54.727	ug/l	100
5) Bromomethane	2.948	94	83720	44.973	ug/l	97
6) Chloroethane	3.118	64	97259	45.991	ug/l	96
7) Trichlorofluoromethane	3.495	101	212672	50.148	ug/l	96
8) Diethyl Ether	3.959	74	89858	59.477	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	121357	48.986	ug/l	99
10) Methyl Iodide	4.589	142	138585	55.646	ug/l	94
11) Tert butyl alcohol	5.518	59	142633	266.897	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114748	49.833	ug/l	87
13) Acrolein	4.177	56	108806	274.749	ug/l	98
14) Allyl chloride	5.018	41	233783	47.421	ug/l #	89
15) Acrylonitrile	5.718	53	375103	271.015	ug/l	99
16) Acetone	4.424	43	361458	264.668	ug/l #	88
17) Carbon Disulfide	4.712	76	305271	41.047	ug/l	99
18) Methyl Acetate	5.024	43	187205	55.042	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	501317	59.563	ug/l	95
20) Methylene Chloride	5.277	84	145301	52.732	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	123788	49.332	ug/l #	78
22) Diisopropyl ether	6.671	45	552580	53.678	ug/l #	93
23) Vinyl Acetate	6.600	43	2232105	275.014	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	273546	51.554	ug/l	97
25) 2-Butanone	7.483	43	538725	260.175	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	239355	53.857	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	162845	54.990	ug/l	84
28) Bromochloromethane	7.812	49	111700	48.364	ug/l #	80
29) Tetrahydrofuran	7.835	42	355981	267.765	ug/l #	85
30) Chloroform	7.965	83	282304	55.715	ug/l	97
31) Cyclohexane	8.259	56	223004	41.939	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	243831	54.242	ug/l	93
36) 1,1-Dichloropropene	8.371	75	186078	49.441	ug/l	96
37) Ethyl Acetate	7.559	43	229328	54.447	ug/l	95
38) Carbon Tetrachloride	8.365	117	204621	53.633	ug/l	99
39) Methylcyclohexane	9.600	83	194933	47.251	ug/l #	87
40) Benzene	8.606	78	586417	52.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	131377	53.036	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	239562	55.500	ug/l	94
43) Isopropyl Acetate	8.688	43	414988	55.604	ug/l #	90
44) Trichloroethene	9.353	130	133253	52.268	ug/l	94
45) 1,2-Dichloropropane	9.624	63	154126	53.225	ug/l	97
46) Dibromomethane	9.712	93	107756	56.680	ug/l	99
47) Bromodichloromethane	9.888	83	232914	58.033	ug/l	96
48) Methyl methacrylate	9.682	41	197068	55.414	ug/l #	82
49) 1,4-Dioxane	9.694	88	58266	1169.220	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1186383	279.779	ug/l	91
52) Toluene	10.629	92	365278	54.235	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	250842	60.432	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	257816	58.678	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	143581	58.663	ug/l	98
56) Ethyl methacrylate	10.871	69	254980	61.360	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	256734	56.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	550696	256.925	ug/l	93
59) 2-Hexanone	11.194	43	873098	281.203	ug/l	91
60) Dibromochloromethane	11.359	129	174138	64.470	ug/l	98
61) 1,2-Dibromoethane	11.471	107	146281	58.187	ug/l	99
64) Tetrachloroethene	11.106	164	127157	50.886	ug/l	98
65) Chlorobenzene	11.894	112	403677	54.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	146111	59.557	ug/l	99
67) Ethyl Benzene	11.965	91	712405	53.471	ug/l	98
68) m/p-Xylenes	12.070	106	533015	109.156	ug/l	94
69) o-Xylene	12.400	106	265442	56.118	ug/l	92
70) Styrene	12.412	104	460235	58.579	ug/l	96
71) Bromoform	12.582	173	119283	60.977	ug/l #	99
73) Isopropylbenzene	12.694	105	671696	52.479	ug/l	98
74) N-amyl acetate	12.494	43	368541	52.347	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	201755	54.683	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	187204m	55.207	ug/l	
77) Bromobenzene	12.982	156	167317	54.854	ug/l	91
78) n-propylbenzene	13.035	91	789542	52.093	ug/l	97
79) 2-Chlorotoluene	13.123	91	489046	51.385	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	556370	53.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	91014	62.778	ug/l	88
82) 4-Chlorotoluene	13.223	91	492912	52.971	ug/l	96
83) tert-Butylbenzene	13.441	119	473751	52.324	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	572077	54.029	ug/l	98
85) sec-Butylbenzene	13.617	105	653590	52.080	ug/l	98
86) p-Isopropyltoluene	13.729	119	551918	54.114	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	299744	54.242	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	298177	52.868	ug/l	97
89) n-Butylbenzene	14.059	91	483662	52.760	ug/l	98
90) Hexachloroethane	14.335	117	102180	54.073	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	289306	55.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45635	60.201	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	167449	57.109	ug/l	98
94) Hexachlorobutadiene	15.500	225	64954	50.486	ug/l	98
95) Naphthalene	15.641	128	562413	61.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164284	55.970	ug/l	97

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

