

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082459.D
 Acq On : 05 Jun 2024 10:15
 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 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:51:11 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	196582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143946	46.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.171	113	104109	52.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.140%		
50) Toluene-d8	10.571	98	373435	48.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.847	95	142354	52.032	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	104.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122811	43.331	ug/l	99
3) Chloromethane	2.359	50	134957	42.016	ug/l	100
4) Vinyl Chloride	2.512	62	136741	45.284	ug/l	99
5) Bromomethane	2.948	94	76547	44.102	ug/l	100
6) Chloroethane	3.112	64	95768	48.571	ug/l	99
7) Trichlorofluoromethane	3.495	101	200400	50.681	ug/l	98
8) Diethyl Ether	3.959	74	73765	52.366	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	119533	51.749	ug/l	99
10) Methyl Iodide	4.589	142	116963	50.370	ug/l	95
11) Tert butyl alcohol	5.524	59	120920	242.678	ug/l	100
12) 1,1-Dichloroethene	4.336	96	106112	49.425	ug/l #	81
13) Acrolein	4.177	56	79190	214.468	ug/l	96
14) Allyl chloride	5.024	41	214595	46.686	ug/l #	92
15) Acrylonitrile	5.718	53	359752	278.776	ug/l	99
16) Acetone	4.430	43	314170	246.727	ug/l	89
17) Carbon Disulfide	4.712	76	260644	37.589	ug/l	98
18) Methyl Acetate	5.024	43	195820	61.751	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	433282	55.213	ug/l	94
20) Methylene Chloride	5.277	84	131126	51.039	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	114519	48.948	ug/l #	80
22) Diisopropyl ether	6.671	45	525338	54.733	ug/l #	93
23) Vinyl Acetate	6.606	43	1992584	263.310	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	259609	52.476	ug/l	98
25) 2-Butanone	7.483	43	519879	269.284	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	228346	55.106	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	148550	53.801	ug/l	83
28) Bromochloromethane	7.812	49	102649	47.637	ug/l #	76
29) Tetrahydrofuran	7.835	42	345299	278.568	ug/l #	83
30) Chloroform	7.965	83	263971	55.875	ug/l	100
31) Cyclohexane	8.259	56	208567	42.069	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	230660	55.034	ug/l	93
36) 1,1-Dichloropropene	8.377	75	176314	52.581	ug/l	96
37) Ethyl Acetate	7.559	43	210425	56.074	ug/l #	95
38) Carbon Tetrachloride	8.365	117	197738	58.173	ug/l	99
39) Methylcyclohexane	9.600	83	181821	49.468	ug/l #	82
40) Benzene	8.606	78	550293	55.034	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	122806	55.645	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	215924	56.147	ug/l	95
43) Isopropyl Acetate	8.688	43	388372	58.407	ug/l #	88
44) Trichloroethene	9.353	130	121852	53.647	ug/l	88
45) 1,2-Dichloropropane	9.624	63	147697	57.249	ug/l	98
46) Dibromomethane	9.712	93	96251	56.826	ug/l	98
47) Bromodichloromethane	9.888	83	218140	61.005	ug/l #	99
48) Methyl methacrylate	9.682	41	183014	57.762	ug/l #	83
49) 1,4-Dioxane	9.700	88	50868	1145.715	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1142864	302.507	ug/l	90
52) Toluene	10.629	92	347067	57.839	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	224796	60.786	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	230082	58.776	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	132589	60.803	ug/l	97
56) Ethyl methacrylate	10.876	69	227842	61.541	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	234719	57.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490412	256.807	ug/l	92
59) 2-Hexanone	11.194	43	849391	307.055	ug/l	89
60) Dibromochloromethane	11.359	129	161044	66.921	ug/l	100
61) 1,2-Dibromoethane	11.471	107	130629	58.321	ug/l	99
64) Tetrachloroethene	11.106	164	123044	55.527	ug/l	97
65) Chlorobenzene	11.894	112	373963	56.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138246	63.546	ug/l	99
67) Ethyl Benzene	11.965	91	671517	56.837	ug/l	99
68) m/p-Xylenes	12.070	106	505234	116.677	ug/l	94
69) o-Xylene	12.400	106	244698	58.337	ug/l	93
70) Styrene	12.412	104	428723	61.535	ug/l	97
71) Bromoform	12.582	173	109229	62.943	ug/l #	98
73) Isopropylbenzene	12.700	105	638111	53.937	ug/l	98
74) N-amyl acetate	12.494	43	335523	51.559	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	188728	55.340	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	179147m	57.156	ug/l	
77) Bromobenzene	12.982	156	155289	55.079	ug/l	89
78) n-propylbenzene	13.035	91	772333	55.130	ug/l	97
79) 2-Chlorotoluene	13.129	91	464809	52.837	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	532815	55.698	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	76322m	56.954	ug/l	
82) 4-Chlorotoluene	13.223	91	472193	54.899	ug/l	94
83) tert-Butylbenzene	13.441	119	459267	54.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	544916	55.677	ug/l	97
85) sec-Butylbenzene	13.617	105	647366	55.807	ug/l	98
86) p-Isopropyltoluene	13.729	119	541071	57.393	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	288277	56.438	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	283157	54.315	ug/l	97
89) n-Butylbenzene	14.059	91	480504	56.707	ug/l	98
90) Hexachloroethane	14.335	117	104781	59.989	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	275515	56.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40676	58.052	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	150136	55.397	ug/l	99
94) Hexachlorobutadiene	15.506	225	64897	54.571	ug/l	96
95) Naphthalene	15.641	128	498247	58.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	154469	56.934	ug/l	98

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

