

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080352.D
 Acq On : 04 Dec 2023 20:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 04:24:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2023
 Supervised By : Mahesh Dadoda 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	325083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171145	45.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.171	113	127679	47.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	10.571	98	440754	45.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.853	95	174300	47.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	156982	46.557	ug/l	97
3) Chloromethane	2.365	50	110451	43.569	ug/l	98
4) Vinyl Chloride	2.512	62	127492	47.522	ug/l	99
5) Bromomethane	2.936	94	86505	47.498	ug/l	99
6) Chloroethane	3.112	64	86536	52.317	ug/l	94
7) Trichlorofluoromethane	3.495	101	278779	49.814	ug/l	100
8) Diethyl Ether	3.959	74	78512	48.239	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	120481	47.101	ug/l	94
10) Methyl Iodide	4.595	142	149755	54.172	ug/l #	88
11) Tert butyl alcohol	5.518	59	124371	302.589	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121418	50.749	ug/l	89
13) Acrolein	4.171	56	112000	307.904	ug/l	98
14) Allyl chloride	5.024	41	142108	47.210	ug/l	90
15) Acrylonitrile	5.718	53	270202	244.880	ug/l	99
16) Acetone	4.430	43	229228	182.597	ug/l	95
17) Carbon Disulfide	4.712	76	315088	44.107	ug/l	99
18) Methyl Acetate	5.024	43	193126	47.880	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	441929	52.305	ug/l	97
20) Methylene Chloride	5.277	84	133725	50.866	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	128859	49.026	ug/l	85
22) Diisopropyl ether	6.671	45	328885	49.384	ug/l	96
23) Vinyl Acetate	6.600	43	987736	246.703	ug/l	93
24) 1,1-Dichloroethane	6.571	63	235796	48.612	ug/l	98
25) 2-Butanone	7.483	43	317158	212.638	ug/l	95
26) 2,2-Dichloropropane	7.489	77	226014	46.966	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	150745	50.587	ug/l	88
28) Bromochloromethane	7.812	49	86443	45.332	ug/l	100
29) Tetrahydrofuran	7.836	42	200117	249.906	ug/l	93
30) Chloroform	7.965	83	271706	50.116	ug/l	96
31) Cyclohexane	8.259	56	182679	44.942	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	277266	52.442	ug/l	98
36) 1,1-Dichloropropene	8.371	75	194254	50.206	ug/l	95
37) Ethyl Acetate	7.565	43	130796	48.736	ug/l	97
38) Carbon Tetrachloride	8.365	117	251770	51.278	ug/l	97
39) Methylcyclohexane	9.600	83	178959	47.970	ug/l #	89
40) Benzene	8.606	78	541504	49.243	ug/l	99

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41) Methacrylonitrile	7.777	41	74106	50.281	ug/l	92
42) 1,2-Dichloroethane	8.671	62	229548	51.023	ug/l	95
43) Isopropyl Acetate	8.688	43	238909	45.746	ug/l	99
44) Trichloroethene	9.353	130	141746	49.140	ug/l	97
45) 1,2-Dichloropropane	9.624	63	127844	50.027	ug/l	98
46) Dibromomethane	9.712	93	98184	50.756	ug/l	90
47) Bromodichloromethane	9.888	83	218622	51.378	ug/l	100
48) Methyl methacrylate	9.682	41	135217	50.241	ug/l	95
49) 1,4-Dioxane	9.700	88	44405	991.756	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	670456	247.966	ug/l	98
52) Toluene	10.630	92	348557	50.649	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	223719	51.172	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	231726	51.880	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	129961	49.479	ug/l	98
56) Ethyl methacrylate	10.877	69	147909	55.122	ug/l	95
57) 1,3-Dichloropropane	11.165	76	230941	50.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	353247	233.678	ug/l	100
59) 2-Hexanone	11.200	43	497221	228.852	ug/l	97
60) Dibromochloromethane	11.359	129	168680	53.641	ug/l	99
61) 1,2-Dibromoethane	11.471	107	135881	50.710	ug/l	98
64) Tetrachloroethene	11.106	164	122183	49.249	ug/l	99
65) Chlorobenzene	11.894	112	367464	49.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	154161	53.930	ug/l	94
67) Ethyl Benzene	11.965	91	683936	52.178	ug/l	96
68) m/p-Xylenes	12.071	106	502092	105.059	ug/l	88
69) o-Xylene	12.400	106	244029	54.181	ug/l	88
70) Styrene	12.412	104	366829	54.721	ug/l	94
71) Bromoform	12.582	173	114864	54.185	ug/l #	99
73) Isopropylbenzene	12.700	105	639431	51.512	ug/l	98
74) N-amyl acetate	12.494	43	188846	48.784	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	173454	46.687	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	169258m	43.244	ug/l	
77) Bromobenzene	12.982	156	157129	50.206	ug/l	95
78) n-propylbenzene	13.035	91	701924	50.567	ug/l	99
79) 2-Chlorotoluene	13.129	91	456418	50.625	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	560506	51.871	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	54740	47.252	ug/l #	83
82) 4-Chlorotoluene	13.223	91	469574	50.842	ug/l	96
83) tert-Butylbenzene	13.441	119	443032	51.126	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	555551	52.213	ug/l	97
85) sec-Butylbenzene	13.618	105	561386	51.212	ug/l	98
86) p-Isopropyltoluene	13.729	119	521177	53.222	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	279954	49.649	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	274759	48.488	ug/l	97
89) n-Butylbenzene	14.059	91	410909	50.134	ug/l	100
90) Hexachloroethane	14.335	117	93915	49.195	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	261332	48.432	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40716	47.182	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	147251	46.921	ug/l	98
94) Hexachlorobutadiene	15.506	225	78661	43.556	ug/l	99
95) Naphthalene	15.641	128	740733	81.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138803	47.187	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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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

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 Data File : VN080352.D
 Acq On : 04 Dec 2023 20:43
 Operator : JC\MD
 Sample : VSTDC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC050EC

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