

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082129.D
 Acq On : 15 May 2024 13:25
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 04:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	326981	94.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 188.400%#			
35) Dibromofluoromethane	8.165	113	222809	98.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.420%#			
50) Toluene-d8	10.571	98	871452	100.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 201.400%#			
62) 4-Bromofluorobenzene	12.847	95	323044	104.583	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 209.160%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	301679	95.189	ug/l	98
3) Chloromethane	2.359	50	316247	88.049	ug/l	98
4) Vinyl Chloride	2.512	62	315001	93.289	ug/l	97
5) Bromomethane	2.936	94	160919	82.912	ug/l	98
6) Chloroethane	3.112	64	197938	89.776	ug/l	99
7) Trichlorofluoromethane	3.495	101	419272	94.824	ug/l	99
8) Diethyl Ether	3.959	74	154376	98.007	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	240034	92.932	ug/l	97
10) Methyl Iodide	4.589	142	280211	107.916	ug/l	94
11) Tert butyl alcohol	5.524	59	248621	446.215	ug/l	98
12) 1,1-Dichloroethene	4.342	96	230737	96.112	ug/l #	80
13) Acrolein	4.177	56	210383	509.539	ug/l	98
14) Allyl chloride	5.018	41	483843	94.135	ug/l #	90
15) Acrylonitrile	5.718	53	687289	476.284	ug/l	99
16) Acetone	4.424	43	751612	527.863	ug/l	92
17) Carbon Disulfide	4.712	76	705333	90.966	ug/l	99
18) Methyl Acetate	5.018	43	313418	88.386	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	852194	97.115	ug/l	94
20) Methylene Chloride	5.277	84	261602	91.061	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	245717	93.922	ug/l #	77
22) Diisopropyl ether	6.671	45	1061614	98.913	ug/l #	92
23) Vinyl Acetate	6.600	43	4314783	509.898	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	525471	94.987	ug/l	97
25) 2-Butanone	7.483	43	1069159	495.250	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	459396	99.145	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	297543	96.370	ug/l	79
28) Bromochloromethane	7.812	49	229526	99.903	ug/l #	73
29) Tetrahydrofuran	7.835	42	671675	484.584	ug/l #	81
30) Chloroform	7.965	83	505461	95.681	ug/l	97
31) Cyclohexane	8.259	56	492318	88.805	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	453082	96.674	ug/l	94
36) 1,1-Dichloropropene	8.371	75	377865	99.812	ug/l	96
37) Ethyl Acetate	7.559	43	420154	99.169	ug/l #	94
38) Carbon Tetrachloride	8.359	117	389164	101.406	ug/l	98
39) Methylcyclohexane	9.600	83	433532	104.473	ug/l #	83
40) Benzene	8.606	78	1128584	99.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	250478	100.526	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	421557	97.092	ug/l	94
43) Isopropyl Acetate	8.688	43	740798	98.678	ug/l #	89
44) Trichloroethene	9.353	130	248920	97.068	ug/l	90
45) 1,2-Dichloropropane	9.624	63	287121	98.574	ug/l	99
46) Dibromomethane	9.712	93	188439	98.540	ug/l	98
47) Bromodichloromethane	9.888	83	405407	100.422	ug/l	96
48) Methyl methacrylate	9.682	41	367257	102.667	ug/l #	81
49) 1,4-Dioxane	9.694	88	100011	1995.183	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	2179826	511.054	ug/l	90
52) Toluene	10.629	92	708546	104.587	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	447259	107.122	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	466240	105.495	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	248842	101.074	ug/l	98
56) Ethyl methacrylate	10.876	69	453503	108.496	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	454387	98.710	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1094287	507.551	ug/l	89
59) 2-Hexanone	11.194	43	1667421	533.896	ug/l	89
60) Dibromochloromethane	11.359	129	294188	108.279	ug/l	99
61) 1,2-Dibromoethane	11.470	107	252757	99.953	ug/l	97
64) Tetrachloroethene	11.106	164	240617	95.938	ug/l	95
65) Chlorobenzene	11.894	112	727756	97.356	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	254225	103.247	ug/l	99
67) Ethyl Benzene	11.965	91	1394532	104.286	ug/l	97
68) m/p-Xylenes	12.070	106	1026320	209.411	ug/l	92
69) o-Xylene	12.400	106	503641	106.087	ug/l	93
70) Styrene	12.412	104	860412	109.112	ug/l	96
71) Bromoform	12.576	173	197239	100.005	ug/l #	98
73) Isopropylbenzene	12.694	105	1300096	99.994	ug/l	98
74) N-amyl acetate	12.494	43	698453	97.662	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	341431	91.098	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	327021m	95.071	ug/l	
77) Bromobenzene	12.982	156	294643	95.092	ug/l	87
78) n-propylbenzene	13.035	91	1575520	102.331	ug/l	97
79) 2-Chlorotoluene	13.129	91	939770	97.205	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1078492	102.585	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	145641	103.966	ug/l #	83
82) 4-Chlorotoluene	13.223	91	945731	100.050	ug/l	94
83) tert-Butylbenzene	13.441	119	923736	100.434	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	1097651	102.051	ug/l	98
85) sec-Butylbenzene	13.617	105	1310835	102.823	ug/l	98
86) p-Isopropyltoluene	13.729	119	1103941	106.551	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	548578	97.724	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	544881	95.104	ug/l	98
89) n-Butylbenzene	14.059	91	1009503	108.405	ug/l	98
90) Hexachloroethane	14.335	117	198220	103.262	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	519372	97.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77624	100.804	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	307278	103.166	ug/l	99
94) Hexachlorobutadiene	15.506	225	120484	92.188	ug/l	96
95) Naphthalene	15.641	128	991352	106.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	299526	100.455	ug/l	98

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

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