

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074914.D
 Acq On : 17 Oct 2022 13:24
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 17 13:42:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	344934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	724657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	458101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	922702	110.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 220.940%#			
35) Dibromofluoromethane	8.177	113	730950	108.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 217.520%#			
50) Toluene-d8	10.571	98	3099195	111.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 223.560%#			
62) 4-Bromofluorobenzene	12.847	95	1031439	130.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 261.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	642159	97.039	ug/l	95
3) Chloromethane	2.383	50	879364	89.406	ug/l	99
4) Vinyl Chloride	2.530	62	1303086	90.236	ug/l	99
5) Bromomethane	2.924	94	976552	87.636	ug/l	95
6) Chloroethane	3.095	64	969659	84.843	ug/l	97
7) Trichlorofluoromethane	3.495	101	915435	91.152	ug/l	89
8) Diethyl Ether	3.983	74	446575	96.770	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	567823	89.433	ug/l	99
10) Methyl Iodide	4.606	142	819301	116.557	ug/l	99
11) Tert butyl alcohol	5.559	59	1018427	495.482	ug/l	98
12) 1,1-Dichloroethene	4.353	96	561971	94.562	ug/l	96
13) Acrolein	4.200	56	1003551	461.425	ug/l	97
14) Allyl chloride	5.042	41	1236795	105.423	ug/l	84
15) Acrylonitrile	5.742	53	2703039	537.323	ug/l	99
16) Acetone	4.453	43	2115744	491.470	ug/l	96
17) Carbon Disulfide	4.724	76	1428677	94.747	ug/l	99
18) Methyl Acetate	5.053	43	1603628	104.034	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	2450971	104.459	ug/l	99
20) Methylene Chloride	5.289	84	765077	90.778	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	648511	98.598	ug/l	87
22) Diisopropyl ether	6.689	45	2727194	101.574	ug/l	98
23) Vinyl Acetate	6.624	43	10228048	519.137	ug/l	98
24) 1,1-Dichloroethane	6.589	63	1391800	96.317	ug/l	97
25) 2-Butanone	7.500	43	3727222	525.802	ug/l	100
26) 2,2-Dichloropropane	7.500	77	1119760	96.624	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	814244	99.657	ug/l	98
28) Bromochloromethane	7.824	49	734073	120.961	ug/l	97
29) Tetrahydrofuran	7.853	42	2574088	553.125	ug/l	99
30) Chloroform	7.977	83	1408497	105.300	ug/l	92
31) Cyclohexane	8.265	56	1181832	95.286	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	1205368	106.121	ug/l	97
36) 1,1-Dichloropropene	8.377	75	969486	98.407	ug/l	99
37) Ethyl Acetate	7.577	43	1481200	99.278	ug/l	99
38) Carbon Tetrachloride	8.365	117	973998	104.588	ug/l	96
39) Methylcyclohexane	9.606	83	1205759	101.500	ug/l	99
40) Benzene	8.612	78	3147665	97.142	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	785250	109.066	ug/l	99
42) 1,2-Dichloroethane	8.677	62	1082142	102.232	ug/l	99
43) Isopropyl Acetate	8.694	43	2328182	103.420	ug/l	99
44) Trichloroethene	9.359	130	677497	99.910	ug/l	91
45) 1,2-Dichloropropane	9.624	63	858176	98.389	ug/l #	89
46) Dibromomethane	9.712	93	567528	101.617	ug/l	97
47) Bromodichloromethane	9.894	83	1133609	105.784	ug/l	99
48) Methyl methacrylate	9.612	41	1067428	101.816	ug/l #	98
49) 1,4-Dioxane	9.700	88	398472	2086.104	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	7921119	547.212	ug/l	100
52) Toluene	10.635	92	2075965	106.959	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	1339097	114.340	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	1375030	110.121	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	832288	106.761	ug/l	98
56) Ethyl methacrylate	10.877	69	1452600	116.410	ug/l	98
57) 1,3-Dichloropropane	11.165	76	1463308	103.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	3265991	735.230	ug/l	100
59) 2-Hexanone	11.200	43	5990832	566.873	ug/l	99
60) Dibromochloromethane	11.365	129	883524	113.096	ug/l	99
61) 1,2-Dibromoethane	11.471	107	844220	109.493	ug/l	99
64) Tetrachloroethene	11.106	164	538271	92.086	ug/l	99
65) Chlorobenzene	11.894	112	2135823	102.126	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	795968	101.508	ug/l	97
67) Ethyl Benzene	11.965	91	4097426	106.860	ug/l	97
68) m/p-Xylenes	12.076	106	3181118	222.804	ug/l	98
69) o-Xylene	12.400	106	1601955	109.843	ug/l	97
70) Styrene	12.412	104	2801558	121.115	ug/l	99
71) Bromoform	12.582	173	673912	124.091	ug/l #	97
73) Isopropylbenzene	12.700	105	4319690	106.007	ug/l	100
74) N-amyl acetate	12.494	43	2279840	103.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	1432384	88.745	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	1249400m	92.644	ug/l	
77) Bromobenzene	12.982	156	868955	96.277	ug/l	98
78) n-propylbenzene	13.041	91	5119759	110.058	ug/l	99
79) 2-Chlorotoluene	13.129	91	2894483	104.066	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	3585246	108.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	547127	113.546	ug/l	95
82) 4-Chlorotoluene	13.223	91	2814749	108.211	ug/l	100
83) tert-Butylbenzene	13.441	119	3097477	108.212	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	3518075	108.100	ug/l	100
85) sec-Butylbenzene	13.618	105	4636467	112.332	ug/l	98
86) p-Isopropyltoluene	13.729	119	3710992	113.138	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1651317	97.527	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	1613011	96.550	ug/l	99
89) n-Butylbenzene	14.059	91	3173594	113.546	ug/l	100
90) Hexachloroethane	14.335	117	681144	96.722	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	1563713	89.030	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	255561	85.354	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	739935	93.139	ug/l	95
94) Hexachlorobutadiene	15.506	225	328483	86.099	ug/l	98
95) Naphthalene	15.641	128	3136455	110.278	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	761374	101.178	ug/l	99

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

