

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077121.D
 Acq On : 23 Mar 2023 01:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 02:09:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	374531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	651350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	593876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	279108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	314600	52.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.180%			
35) Dibromofluoromethane	8.172	113	245154	53.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.480%			
50) Toluene-d8	10.572	98	889649	54.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.854	95	320141	55.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	210579	59.747	ug/l	99
3) Chloromethane	2.378	50	183644	48.666	ug/l	99
4) Vinyl Chloride	2.525	62	240877	59.137	ug/l	98
5) Bromomethane	2.949	94	197402	71.749	ug/l	100
6) Chloroethane	3.125	64	206260	80.027	ug/l	98
7) Trichlorofluoromethane	3.507	101	237364	27.088	ug/l	97
8) Diethyl Ether	3.972	74	161555	48.989	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	224467	45.159	ug/l	99
10) Methyl Iodide	4.596	142	278364	49.722	ug/l	99
11) Tert butyl alcohol	5.537	59	239326	274.535	ug/l	99
12) 1,1-Dichloroethene	4.354	96	210868	46.374	ug/l	95
13) Acrolein	4.190	56	255638	237.090	ug/l	100
14) Allyl chloride	5.037	41	367710	44.173	ug/l	91
15) Acrylonitrile	5.731	53	722679	246.593	ug/l	98
16) Acetone	4.443	43	650068	243.868	ug/l	94
17) Carbon Disulfide	4.725	76	523381	39.474	ug/l	99
18) Methyl Acetate	5.037	43	525180	52.247	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	789833	48.398	ug/l	98
20) Methylene Chloride	5.290	84	255993	44.249	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	222191	45.083	ug/l	93
22) Diisopropyl ether	6.684	45	867533	47.566	ug/l	97
23) Vinyl Acetate	6.613	43	2838763	246.650	ug/l	99
24) 1,1-Dichloroethane	6.578	63	471336	45.162	ug/l	100
25) 2-Butanone	7.490	43	988629	253.529	ug/l	97
26) 2,2-Dichloropropane	7.501	77	289588	36.877	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	268755	47.612	ug/l	94
28) Bromochloromethane	7.819	49	207925	45.875	ug/l	96
29) Tetrahydrofuran	7.848	42	662765	262.285	ug/l	99
30) Chloroform	7.972	83	465781	45.982	ug/l	99
31) Cyclohexane	8.266	56	388864	39.728	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	411053	47.478	ug/l	96
36) 1,1-Dichloropropene	8.378	75	334550	46.957	ug/l	99
37) Ethyl Acetate	7.572	43	402201	52.762	ug/l	97
38) Carbon Tetrachloride	8.372	117	340407	49.052	ug/l	99
39) Methylcyclohexane	9.607	83	391465	46.942	ug/l	96
40) Benzene	8.613	78	1009144	46.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	221522	53.943	ug/l	97
42) 1,2-Dichloroethane	8.678	62	379072	48.550	ug/l	100
43) Isopropyl Acetate	8.695	43	637392	53.526	ug/l	98
44) Trichloroethene	9.354	130	236913	47.735	ug/l	98
45) 1,2-Dichloropropane	9.625	63	272095	47.413	ug/l	99
46) Dibromomethane	9.713	93	182165	50.331	ug/l	96
47) Bromodichloromethane	9.889	83	361965	47.684	ug/l	97
48) Methyl methacrylate	9.684	41	312993	54.979	ug/l	94
49) 1,4-Dioxane	9.701	88	110925	1140.807	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	2048016	276.181	ug/l	98
52) Toluene	10.631	92	635465	49.256	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	373015	50.138	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	405199	48.271	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	255195	50.162	ug/l	99
56) Ethyl methacrylate	10.878	69	411055	53.733	ug/l #	94
57) 1,3-Dichloropropane	11.166	76	450599	48.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	737560	226.149	ug/l	98
59) 2-Hexanone	11.201	43	1497844	278.484	ug/l	95
60) Dibromochloromethane	11.360	129	270989	53.028	ug/l	99
61) 1,2-Dibromoethane	11.472	107	255584	50.662	ug/l	99
64) Tetrachloroethene	11.107	164	200810	50.382	ug/l	92
65) Chlorobenzene	11.895	112	668374	48.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	246039	48.662	ug/l	98
67) Ethyl Benzene	11.966	91	1222656	49.261	ug/l	99
68) m/p-Xylenes	12.072	106	927928	100.809	ug/l	98
69) o-Xylene	12.401	106	463940	50.725	ug/l	95
70) Styrene	12.413	104	763821	53.641	ug/l	99
71) Bromoform	12.577	173	192999	56.331	ug/l #	99
73) Isopropylbenzene	12.701	105	1217513	48.676	ug/l	99
74) N-amyl acetate	12.495	43	551156	50.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	401866	44.347	ug/l	100
76) 1,2,3-Trichloropropane	13.001	75	299517m	41.487	ug/l	
77) Bromobenzene	12.983	156	275855	49.232	ug/l	87
78) n-propylbenzene	13.042	91	1405675	48.682	ug/l	98
79) 2-Chlorotoluene	13.130	91	838692	45.584	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	1030080	49.326	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	111451	42.493	ug/l	97
82) 4-Chlorotoluene	13.225	91	805545	46.042	ug/l	96
83) tert-Butylbenzene	13.442	119	881926	50.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	1012202	48.570	ug/l	98
85) sec-Butylbenzene	13.619	105	1280714	51.348	ug/l	98
86) p-Isopropyltoluene	13.730	119	1026677	51.258	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	505177	47.703	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	510603	48.461	ug/l	96
89) n-Butylbenzene	14.060	91	879003	50.024	ug/l	98
90) Hexachloroethane	14.336	117	191866	47.115	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	506153	47.950	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	75835	45.163	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	254564	53.347	ug/l	100
94) Hexachlorobutadiene	15.507	225	129159	49.148	ug/l	97
95) Naphthalene	15.642	128	887996	47.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	257067	53.688	ug/l	98

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

