

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077249.D
 Acq On : 31 Mar 2023 12:21
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Mar 31 23:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	630068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	962050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	879690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	446124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	512334	78.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 157.960%#			
35) Dibromofluoromethane	8.172	113	456106	80.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 161.200%#			
50) Toluene-d8	10.566	98	1773063	82.590	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 165.180%#			
62) 4-Bromofluorobenzene	12.848	95	632869	89.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 178.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	218119	67.742	ug/l	100
3) Chloromethane	2.372	50	256002	61.611	ug/l	98
4) Vinyl Chloride	2.525	62	307459	67.893	ug/l	96
5) Bromomethane	2.943	94	218153	67.005	ug/l	94
6) Chloroethane	3.119	64	231736	61.199	ug/l	98
7) Trichlorofluoromethane	3.502	101	702331	68.460	ug/l	100
8) Diethyl Ether	3.966	74	293259	74.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	424609	69.321	ug/l	100
10) Methyl Iodide	4.601	142	577931	76.946	ug/l	99
11) Tert butyl alcohol	5.537	59	394575	374.910	ug/l	99
12) 1,1-Dichloroethene	4.349	96	409537	72.307	ug/l	100
13) Acrolein	4.184	56	439746	393.763	ug/l	97
14) Allyl chloride	5.031	41	751213	76.521	ug/l	99
15) Acrylonitrile	5.725	53	1265704	365.749	ug/l	100
16) Acetone	4.431	43	1063520	329.758	ug/l	98
17) Carbon Disulfide	4.725	76	1051977	69.764	ug/l	98
18) Methyl Acetate	5.031	43	826903	68.173	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1424606	75.163	ug/l	99
20) Methylene Chloride	5.284	84	483147	66.922	ug/l	98
21) trans-1,2-Dichloroethene	5.796	96	443503	71.611	ug/l	100
22) Diisopropyl ether	6.678	45	1549435	74.629	ug/l	99
23) Vinyl Acetate	6.607	43	4954903	397.717	ug/l	100
24) 1,1-Dichloroethane	6.578	63	866135	71.019	ug/l	99
25) 2-Butanone	7.490	43	1645711	358.966	ug/l	99
26) 2,2-Dichloropropane	7.495	77	661812	73.350	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	532808	71.934	ug/l	98
28) Bromochloromethane	7.819	49	393115	73.866	ug/l	99
29) Tetrahydrofuran	7.842	42	1087102	377.135	ug/l	100
30) Chloroform	7.966	83	837051	69.676	ug/l	99
31) Cyclohexane	8.260	56	787904	68.866	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	724902	71.529	ug/l	98
36) 1,1-Dichloropropene	8.372	75	644016	73.893	ug/l	99
37) Ethyl Acetate	7.566	43	662151	75.727	ug/l	99
38) Carbon Tetrachloride	8.366	117	650124	72.747	ug/l	98
39) Methylcyclohexane	9.601	83	831977	77.836	ug/l	99
40) Benzene	8.613	78	1954874	71.443	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	362507	74.051	ug/l	97
42) 1,2-Dichloroethane	8.672	62	631488	70.530	ug/l	100
43) Isopropyl Acetate	8.689	43	1058093	77.139	ug/l	100
44) Trichloroethene	9.354	130	510201	72.064	ug/l	94
45) 1,2-Dichloropropane	9.625	63	517915	71.153	ug/l	97
46) Dibromomethane	9.713	93	325014	70.233	ug/l	99
47) Bromodichloromethane	9.889	83	663942	72.868	ug/l	100
48) Methyl methacrylate	9.684	41	520486	78.668	ug/l	98
49) 1,4-Dioxane	9.695	88	193624	1538.350	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	3325216	382.861	ug/l	100
52) Toluene	10.631	92	1229008	74.256	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	736601	81.962	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	816986	78.251	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	490554	71.652	ug/l	99
56) Ethyl methacrylate	10.878	69	790780	83.439	ug/l	99
57) 1,3-Dichloropropane	11.166	76	849676	73.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1430174	436.544	ug/l	99
59) 2-Hexanone	11.195	43	2444168	387.780	ug/l	100
60) Dibromochloromethane	11.360	129	539859	75.895	ug/l	100
61) 1,2-Dibromoethane	11.472	107	500466	75.293	ug/l	99
64) Tetrachloroethene	11.107	164	451368	70.075	ug/l	98
65) Chlorobenzene	11.895	112	1348622	72.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	508767	71.481	ug/l	97
67) Ethyl Benzene	11.966	91	2408678	76.925	ug/l	98
68) m/p-Xylenes	12.072	106	1869529	153.510	ug/l	99
69) o-Xylene	12.401	106	926529	78.895	ug/l	99
70) Styrene	12.413	104	1531209	81.897	ug/l	100
71) Bromoform	12.577	173	433500	77.593	ug/l	100
73) Isopropylbenzene	12.695	105	2386642	71.741	ug/l	100
74) N-amyl acetate	12.495	43	923924	75.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	730743	63.161	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	634329m	67.498	ug/l	
77) Bromobenzene	12.983	156	609147	68.380	ug/l	99
78) n-propylbenzene	13.036	91	2766692	75.414	ug/l	99
79) 2-Chlorotoluene	13.124	91	1640981	69.539	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2012058	75.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	261445	84.254	ug/l	89
82) 4-Chlorotoluene	13.224	91	1618393	72.987	ug/l	100
83) tert-Butylbenzene	13.442	119	1811466	74.351	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	2010005	76.967	ug/l	99
85) sec-Butylbenzene	13.619	105	2532834	76.997	ug/l	99
86) p-Isopropyltoluene	13.730	119	2165210	80.702	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	1105286	70.714	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	1081809	70.151	ug/l	100
89) n-Butylbenzene	14.060	91	1792647	83.423	ug/l	100
90) Hexachloroethane	14.336	117	385643	69.095	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	1078320	70.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	137564	71.172	ug/l	98
93) 1,2,4-Trichlorobenzene	15.366	180	624473	104.540	ug/l	99
94) Hexachlorobutadiene	15.466	225	366364	71.691	ug/l	99
95) Naphthalene	15.589	128	1817847	114.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	603090	102.807	ug/l	99

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

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