

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077246.D
 Acq On : 31 Mar 2023 11:09
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 31 23:17:49 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	581349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	888380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	779793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	346776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	46461	7.763	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	15.520%#		
35) Dibromofluoromethane	8.172	113	41088	7.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.720%#		
50) Toluene-d8	10.572	98	153731	7.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.500%#		
62) 4-Bromofluorobenzene	12.848	95	47848	7.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	14.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	29238	9.841	ug/l	100
3) Chloromethane	2.372	50	35750	9.325	ug/l	99
4) Vinyl Chloride	2.525	62	40306	9.646	ug/l	97
5) Bromomethane	2.972	94	32410	10.789	ug/l	88
6) Chloroethane	3.137	64	39143	11.204	ug/l	96
7) Trichlorofluoromethane	3.507	101	94963	10.032	ug/l	97
8) Diethyl Ether	3.972	74	36340	9.969	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.390	101	56210	9.946	ug/l	98
10) Methyl Iodide	4.607	142	65393	9.436	ug/l	99
11) Tert butyl alcohol	5.531	59	49171	50.636	ug/l	97
12) 1,1-Dichloroethene	4.354	96	51553	9.865	ug/l	96
13) Acrolein	4.184	56	51016	49.510	ug/l	97
14) Allyl chloride	5.031	41	90190	9.957	ug/l	96
15) Acrylonitrile	5.731	53	160143	50.154	ug/l	99
16) Acetone	4.437	43	153841	51.698	ug/l	100
17) Carbon Disulfide	4.725	76	129296	9.293	ug/l	97
18) Methyl Acetate	5.037	43	106873	9.549	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	171893	9.829	ug/l	99
20) Methylene Chloride	5.296	84	64499	9.683	ug/l	90
21) trans-1,2-Dichloroethene	5.796	96	55558	9.723	ug/l	95
22) Diisopropyl ether	6.684	45	194997	10.179	ug/l	99
23) Vinyl Acetate	6.613	43	562679	48.950	ug/l	99
24) 1,1-Dichloroethane	6.578	63	111896	9.944	ug/l	99
25) 2-Butanone	7.490	43	217876	51.506	ug/l	100
26) 2,2-Dichloropropane	7.501	77	80972	9.726	ug/l	96
27) cis-1,2-Dichloroethene	7.490	96	68002	9.950	ug/l	99
28) Bromochloromethane	7.813	49	53339	10.862	ug/l	96
29) Tetrahydrofuran	7.848	42	139021	52.271	ug/l	98
30) Chloroform	7.972	83	110124	9.935	ug/l	99
31) Cyclohexane	8.260	56	106971	10.133	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	92142	9.854	ug/l	94
36) 1,1-Dichloropropene	8.372	75	78722	9.781	ug/l	99
37) Ethyl Acetate	7.566	43	82374	10.202	ug/l	99
38) Carbon Tetrachloride	8.372	117	80457	9.750	ug/l	97
39) Methylcyclohexane	9.601	83	95547	9.680	ug/l	94
40) Benzene	8.613	78	250640	9.919	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	45832	10.139	ug/l	95
42) 1,2-Dichloroethane	8.672	62	84641	10.237	ug/l	100
43) Isopropyl Acetate	8.695	43	125426	9.902	ug/l	100
44) Trichloroethene	9.354	130	64071	9.800	ug/l	92
45) 1,2-Dichloropropane	9.625	63	67404	10.028	ug/l	97
46) Dibromomethane	9.707	93	41067	9.610	ug/l	100
47) Bromodichloromethane	9.889	83	83317	9.902	ug/l	99
48) Methyl methacrylate	9.684	41	61235	10.023	ug/l	99
49) 1,4-Dioxane	9.695	88	23525	202.406	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	406919	50.737	ug/l	99
52) Toluene	10.631	92	152227	9.960	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	76937	9.271	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	92866	9.632	ug/l	99
55) 1,1,2-Trichloroethane	11.013	97	64554	10.211	ug/l	94
56) Ethyl methacrylate	10.878	69	85296	9.746	ug/l	100
57) 1,3-Dichloropropane	11.166	76	107548	10.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	138365	45.737	ug/l	99
59) 2-Hexanone	11.195	43	299454	51.450	ug/l	97
60) Dibromochloromethane	11.360	129	64511	9.821	ug/l	97
61) 1,2-Dibromoethane	11.472	107	60665	9.884	ug/l	100
64) Tetrachloroethene	11.107	164	56816	9.951	ug/l	95
65) Chlorobenzene	11.895	112	164793	10.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	63142	10.008	ug/l	99
67) Ethyl Benzene	11.966	91	274320	9.883	ug/l	99
68) m/p-Xylenes	12.072	106	215514	19.963	ug/l	99
69) o-Xylene	12.401	106	103024	9.896	ug/l	100
70) Styrene	12.413	104	166289	10.033	ug/l	99
71) Bromoform	12.577	173	48766	9.847	ug/l #	99
73) Isopropylbenzene	12.701	105	265687	10.274	ug/l	100
74) N-amyl acetate	12.495	43	95405	10.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	90897	10.107	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	77710m	10.638	ug/l	
77) Bromobenzene	12.983	156	68635	9.912	ug/l	98
78) n-propylbenzene	13.036	91	290366	10.182	ug/l	99
79) 2-Chlorotoluene	13.124	91	186115	10.146	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	216502	10.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	25806	10.699	ug/l	95
82) 4-Chlorotoluene	13.224	91	175061	10.157	ug/l	100
83) tert-Butylbenzene	13.442	119	195738	10.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	206658	10.180	ug/l	98
85) sec-Butylbenzene	13.619	105	260826	10.201	ug/l	100
86) p-Isopropyltoluene	13.730	119	210799	10.108	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	120461	9.915	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	118222	9.862	ug/l	98
89) n-Butylbenzene	14.060	91	158023	9.461	ug/l	98
90) Hexachloroethane	14.330	117	41979	9.676	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	119174	9.987	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	15197	10.115	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	38121	8.210	ug/l	97
94) Hexachlorobutadiene	15.465	225	38309	9.644	ug/l	98
95) Naphthalene	15.589	128	98921	8.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	39578	8.680	ug/l	98

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

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