

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073618.D
 Acq On : 28 Jul 2022 11:44
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 29 01:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	359364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	595213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	553957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	263187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	96987	22.146	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	44.300%#		
35) Dibromofluoromethane	7.951	113	81876	21.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.820%#		
50) Toluene-d8	10.380	98	327546	22.270	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.540%#		
62) 4-Bromofluorobenzene	12.668	95	103896	22.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	45.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	77291	22.529	ug/l	100
3) Chloromethane	2.269	50	112776	22.478	ug/l	99
4) Vinyl Chloride	2.404	62	139229	23.008	ug/l	98
5) Bromomethane	2.781	94	72606	20.536	ug/l	99
6) Chloroethane	2.946	64	101183	23.849	ug/l	95
7) Trichlorofluoromethane	3.304	101	153017	24.461	ug/l	100
8) Diethyl Ether	3.763	74	57131	24.904	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	82194	23.057	ug/l	98
10) Methyl Iodide	4.345	142	87393	24.731	ug/l	96
11) Tert butyl alcohol	5.292	59	120947	128.056	ug/l	98
12) 1,1-Dichloroethene	4.110	96	79196	23.684	ug/l	100
13) Acrolein	3.981	56	120641	128.841	ug/l	97
14) Allyl chloride	4.763	41	128586	23.237	ug/l	99
15) Acrylonitrile	5.475	53	329654	127.513	ug/l	100
16) Acetone	4.222	43	271217	115.625	ug/l	95
17) Carbon Disulfide	4.451	76	209702	22.862	ug/l	99
18) Methyl Acetate	4.775	43	143124	24.535	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	292092	25.512	ug/l	99
20) Methylene Chloride	5.010	84	103091	22.096	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	90480	24.440	ug/l	98
22) Diisopropyl ether	6.410	45	293959	25.621	ug/l	99
23) Vinyl Acetate	6.351	43	1255789	129.028	ug/l	99
24) 1,1-Dichloroethane	6.304	63	173466	24.460	ug/l	99
25) 2-Butanone	7.257	43	458284	124.739	ug/l	98
26) 2,2-Dichloropropane	7.251	77	135250	23.653	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	108435	23.956	ug/l	99
28) Bromochloromethane	7.580	49	71668	23.971	ug/l	94
29) Tetrahydrofuran	7.610	42	296508	127.698	ug/l	99
30) Chloroform	7.745	83	181873	24.227	ug/l	98
31) Cyclohexane	8.022	56	154082	23.632	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	152695	24.507	ug/l	98
36) 1,1-Dichloropropene	8.151	75	129572	24.312	ug/l	99
37) Ethyl Acetate	7.339	43	176236	26.212	ug/l	98
38) Carbon Tetrachloride	8.133	117	128163	23.996	ug/l	97
39) Methylcyclohexane	9.398	83	154801	24.670	ug/l	99
40) Benzene	8.392	78	420046	24.484	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	80163	25.394	ug/l	94
42) 1,2-Dichloroethane	8.463	62	139873	23.860	ug/l	100
43) Isopropyl Acetate	8.498	43	235570	25.014	ug/l	99
44) Trichloroethene	9.151	130	101829	23.549	ug/l	92
45) 1,2-Dichloropropane	9.427	63	104188	24.272	ug/l	100
46) Dibromomethane	9.516	93	72460	24.222	ug/l	98
47) Bromodichloromethane	9.704	83	138871	24.365	ug/l	94
48) Methyl methacrylate	9.498	41	104133	25.609	ug/l	90
49) 1,4-Dioxane	9.504	88	59549	530.379	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	882063	132.036	ug/l	99
52) Toluene	10.445	92	263164	25.243	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	142263	25.113	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	159000	25.032	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	108878	24.488	ug/l	97
56) Ethyl methacrylate	10.704	69	161114	26.685	ug/l	97
57) 1,3-Dichloropropane	10.986	76	186058	25.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	426477	154.556	ug/l	97
59) 2-Hexanone	11.027	43	686700	134.730	ug/l	98
60) Dibromochloromethane	11.180	129	107758	24.350	ug/l	100
61) 1,2-Dibromoethane	11.286	107	111977	24.855	ug/l	98
64) Tetrachloroethene	10.916	164	101961	23.249	ug/l	97
65) Chlorobenzene	11.710	112	284386	24.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	105264	25.234	ug/l	97
67) Ethyl Benzene	11.786	91	495452	25.251	ug/l	99
68) m/p-Xylenes	11.892	106	386697	51.384	ug/l	98
69) o-Xylene	12.221	106	191339	26.200	ug/l	99
70) Styrene	12.233	104	311395	26.652	ug/l	98
71) Bromoform	12.398	173	86116	25.426	ug/l #	100
73) Isopropylbenzene	12.521	105	484169	25.034	ug/l	99
74) N-amyl acetate	12.333	43	181355	24.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	174322	23.390	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	136784m	21.934	ug/l	
77) Bromobenzene	12.804	156	122157	24.447	ug/l	99
78) n-propylbenzene	12.863	91	557056	25.962	ug/l	99
79) 2-Chlorotoluene	12.951	91	336191	25.079	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	407816	25.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	50015	24.627	ug/l	97
82) 4-Chlorotoluene	13.045	91	327418	25.505	ug/l	100
83) tert-Butylbenzene	13.262	119	361605	26.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	409080	26.485	ug/l	100
85) sec-Butylbenzene	13.439	105	501205	26.167	ug/l	100
86) p-Isopropyltoluene	13.557	119	414637	27.391	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	217724	24.222	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	215532	23.502	ug/l	99
89) n-Butylbenzene	13.886	91	309750	24.947	ug/l	98
90) Hexachloroethane	14.151	117	73801	23.764	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	226943	24.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36544	24.883	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	110613	24.153	ug/l	100
94) Hexachlorobutadiene	15.304	225	58973	23.642	ug/l	98
95) Naphthalene	15.439	128	389269	26.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	118445	24.717	ug/l	98

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

