Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052680.D
Acq On : 16 Mar 2022 16:34
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 5ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 17:30:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 11:53:01 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.151	152	41482	20.000	ng		0.00
21) Naphthalene-d8	10.965	136	166612	20.000	ng		0.00
39) Acenaphthene-d10	14.772	164	118027	20.000	ng		0.00
64) Phenanthrene-d10	17.515	188	282398	20.000	ng		0.00
76) Chrysene-d12	21.803	240	330432	20.000	ng		0.00
86) Perylene-d12	25.122	264	325627	20.000	ng		#-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.707	112	239151	100.401	ng		0.00
7) Phenol-d6	7.293	99	348778	97.124	ng		0.00
23) Nitrobenzene-d5	9.314	82	244070	73.524	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	149433	94.222	ng		0.00
45) 2-Fluorobiphenyl	13.403	172	549088	68.613	ng		0.00
79) Terphenyl-d14	20.117	244	1126097	60.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.598	88	5250	4.406	ng	#	85
3) Pyridine	4.010	79	16464	5.390	ng	#	88
4) n-Nitrosodimethylamine	3.916	42	7710m	5.690	ng		
6) Aniline	7.476	93	26175	6.216	ng		97
8) 2-Chlorophenol	7.716	128	15099	6.033	ng		94
9) Benzaldehyde	7.282	77	13027	5.906	ng		95
10) Phenol	7.317	94	20402	5.755	ng		84
11) bis(2-Chloroethyl)ether	7.570	93	15500	5.790	ng		98
12) 1,3-Dichlorobenzene	8.045	146	16842	5.589	ng		96
13) 1,4-Dichlorobenzene	8.186	146	17945	5.927	ng		97
14) 1,2-Dichlorobenzene	8.515	146	16438	5.741	ng		96
15) Benzyl Alcohol	8.380	79	16377	5.416	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.680	45	25490	5.468	ng		96
17) 2-Methylphenol	8.580	107	12868	5.445	ng	#	91
18) Hexachloroethane	9.250	117	6651	5.987	ng		92
19) n-Nitroso-di-n-propyla...	8.950	70	15389	6.051	ng	#	94
20) 3+4-Methylphenols	8.903	107	17616	5.327	ng		95
22) Acetophenone	8.968	105	21875	5.073	ng	#	98
24) Nitrobenzene	9.350	77	21530	6.482	ng		93
25) Isophorone	9.884	82	38195	5.942	ng	#	94
26) 2-Nitrophenol	10.072	139	6277	5.442	ng	#	92
27) 2,4-Dimethylphenol	10.119	122	15096	6.397	ng		96
28) bis(2-Chloroethoxy)met...	10.360	93	21187	5.575	ng		98
29) 2,4-Dichlorophenol	10.601	162	14540	5.476	ng		97
30) 1,2,4-Trichlorobenzene	10.830	180	18972	6.057	ng		85
31) Naphthalene	11.018	128	50179	5.824	ng		100
32) Benzoic acid	10.166	122	3011	1.899	ng	#	78
33) 4-Chloroaniline	11.112	127	21205	5.807	ng		95
34) Hexachlorobutadiene	11.312	225	13113	5.839	ng		94
35) Caprolactam	11.858	113	3144	4.336	ng		93
36) 4-Chloro-3-methylphenol	12.216	107	17117	5.551	ng		93
37) 2-Methylnaphthalene	12.616	142	36402	5.769	ng		89
38) 1-Methylnaphthalene	12.833	142	34080	5.534	ng		95
40) 1,2,4,5-Tetrachloroben...	12.974	216	18005	4.883	ng		96
41) Hexachlorocyclopentadiene	12.962	237	14807	6.774	ng		85
43) 2,4,6-Trichlorophenol	13.203	196	12583	5.329	ng		86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	13547	5.652	ng	#	93
46) 1,1'-Biphenyl	13.608	154	40875	4.952	ng		93
47) 2-Chloronaphthalene	13.655	162	39858	6.132	ng		95
48) 2-Nitroaniline	13.838	65	9449	5.315	ng		95
49) Acenaphthylene	14.495	152	65397	6.311	ng		96
50) Dimethylphthalate	14.219	163	49148	5.603	ng		99
51) 2,6-Dinitrotoluene	14.331	165	8576	5.791	ng		95
52) Acenaphthene	14.836	154	37872	5.705	ng		91
53) 3-Nitroaniline	14.654	138	9636	5.560	ng	#	84
54) 2,4-Dinitrophenol	14.860	184	3791	4.696	ng	#	42
55) Dibenzofuran	15.165	168	63703	5.876	ng		98
56) 4-Nitrophenol	14.942	139	7935	5.613	ng		95
57) 2,4-Dinitrotoluene	15.112	165	10566	5.142	ng	#	76
58) Fluorene	15.817	166	52687	5.962	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	12207	4.765	ng	#	97
60) Diethylphthalate	15.576	149	50173	5.419	ng		99
61) 4-Chlorophenyl-phenyle...	15.805	204	28009	5.747	ng		99
62) 4-Nitroaniline	15.811	138	10471	5.718	ng		93
63) Azobenzene	16.099	77	56543	5.713	ng		93
65) 4,6-Dinitro-2-methylph...	15.876	198	6404	5.087	ng		87
66) n-Nitrosodiphenylamine	16.017	169	43994	5.534	ng		95
67) 4-Bromophenyl-phenylether	16.698	248	17536	5.151	ng		89
68) Hexachlorobenzene	16.822	284	20988	5.735	ng		93
69) Atrazine	16.957	200	13603	4.640	ng		96
70) Pentachlorophenol	17.162	266	10948	4.822	ng		98
71) Phenanthrene	17.556	178	89331	5.913	ng		97
72) Anthracene	17.644	178	90426	6.055	ng		96
73) Carbazole	17.909	167	85004	5.747	ng		97
74) Di-n-butylphthalate	18.472	149	89135	5.516	ng	#	98
75) Fluoranthene	19.559	202	118612	6.185	ng		99
77) Benzidine	19.730	184	49116	5.763	ng		96
78) Pyrene	19.918	202	121833	5.315	ng		98
80) Butylbenzylphthalate	20.805	149	40814	5.020	ng		90
81) Benzo(a)anthracene	21.786	228	128140	5.791	ng		96
82) 3,3'-Dichlorobenzidine	21.692	252	34954	4.474	ng	#	94
83) Chrysene	21.844	228	117114	5.630	ng		94
84) Bis(2-ethylhexyl)phtha...	21.698	149	58336	5.276	ng		99
85) Di-n-octyl phthalate	22.949	149	92151	5.006	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.917	276	126452	5.673	ng	#	90
88) Benzo(b)fluoranthene	24.065	252	123142	6.091	ng		97
89) Benzo(k)fluoranthene	24.135	252	118728	5.969	ng		98
90) Benzo(a)pyrene	24.958	252	109238m	6.383	ng		
91) Dibenzo(a,h)anthracene	28.976	278	111715	6.083	ng	#	98
92) Benzo(g,h,i)perylene	30.080	276	107512	5.917	ng	#	97

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

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