Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053628.D
Acq On : 19 May 2022 16:15
Operator : CG/JU
Sample : N2865-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0006-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

Quant Time: May 20 03:57:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	24873	20.000	ng		0.00
21) Naphthalene-d8	10.883	136	103917	20.000	ng	#	0.00
39) Acenaphthene-d10	14.701	164	84123	20.000	ng		0.00
64) Phenanthrene-d10	17.450	188	204159	20.000	ng		0.00
76) Chrysene-d12	21.733	240	187976	20.000	ng		0.00
86) Perylene-d12	25.005	264	195820	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	171468	116.996	ng		0.00
7) Phenol-d6	7.240	99	259530	116.682	ng		0.00
23) Nitrobenzene-d5	9.238	82	177788	72.829	ng		0.00
42) 2,4,6-Tribromophenol	16.193	330	141585	114.115	ng		0.00
45) 2-Fluorobiphenyl	13.326	172	358011	62.189	ng		0.00
79) Terphenyl-d14	20.053	244	673411	66.722	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	25727	33.456	ng	#	88
3) Pyridine	3.916	79	66651m	35.491	ng		
4) n-Nitrosodimethylamine	3.827	42	42244	46.178	ng		96
6) Aniline	7.393	93	120206	48.794	ng		98
8) 2-Chlorophenol	7.640	128	80210	52.352	ng		98
9) Benzaldehyde	7.205	77	66456m	47.030	ng		
10) Phenol	7.270	94	116636	53.616	ng		95
11) bis(2-Chloroethyl)ether	7.487	93	74839	46.128	ng		98
12) 1,3-Dichlorobenzene	7.963	146	83108m	45.980	ng		
13) 1,4-Dichlorobenzene	8.110	146	84211	46.170	ng		95
14) 1,2-Dichlorobenzene	8.433	146	81401	47.526	ng		97
15) Benzyl Alcohol	8.310	79	91268	49.080	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.597	45	123057	46.602	ng		96
17) 2-Methylphenol	8.521	107	78669	53.504	ng		98
18) Hexachloroethane	9.161	117	31958	46.140	ng		85
19) n-Nitroso-di-n-propyla...	8.879	70	76572	47.981	ng		97
20) 3+4-Methylphenols	8.850	107	106290	51.185	ng		97
22) Acetophenone	8.897	105	132090	46.444	ng	#	96
24) Nitrobenzene	9.279	77	115275	48.789	ng		99
25) Isophorone	9.802	82	213387	51.939	ng		99
26) 2-Nitrophenol	9.996	139	48163	50.329	ng		95
27) 2,4-Dimethylphenol	10.054	122	84662	58.787	ng		93
28) bis(2-Chloroethoxy)met...	10.278	93	110630	46.820	ng		99
29) 2,4-Dichlorophenol	10.542	162	93442	53.760	ng		90
30) 1,2,4-Trichlorobenzene	10.747	180	92924	47.054	ng		97
31) Naphthalene	10.935	128	253087	47.879	ng		99
32) Benzoic acid	10.231	122	43353m	48.130	ng		
33) 4-Chloroaniline	11.041	127	57273	25.872	ng		97
34) Hexachlorobutadiene	11.223	225	68471	46.757	ng		98
35) Caprolactam	11.822	113	32912m	52.106	ng		
36) 4-Chloro-3-methylphenol	12.169	107	106531	51.239	ng		97
37) 2-Methylnaphthalene	12.533	142	188667	47.826	ng		99
38) 1-Methylnaphthalene	12.757	142	180747	46.962	ng		97
40) 1,2,4,5-Tetrachloroben...	12.903	216	123843	46.704	ng		97
41) Hexachlorocyclopentadiene	12.886	237	126558	113.068	ng		99
43) 2,4,6-Trichlorophenol	13.144	196	86864	50.185	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.226	196	97177	52.752	ng		98
46) 1,1'-Biphenyl	13.538	154	269280	46.961	ng		99
47) 2-Chloronaphthalene	13.585	162	210275	46.805	ng		99
48) 2-Nitroaniline	13.785	65	85868	51.295	ng		98
49) Acenaphthylene	14.425	152	361368	50.407	ng		99
50) Dimethylphthalate	14.155	163	299548	46.859	ng		99
51) 2,6-Dinitrotoluene	14.272	165	64926	49.852	ng		94
52) Acenaphthene	14.766	154	201114	47.074	ng		97
53) 3-Nitroaniline	14.607	138	50036	35.557	ng		95
54) 2,4-Dinitrophenol	14.824	184	75007	89.893	ng		96
55) Dibenzofuran	15.100	168	350486	45.672	ng		96
56) 4-Nitrophenol	14.930	139	104106	103.579	ng		89
57) 2,4-Dinitrotoluene	15.065	165	93290	49.417	ng	#	88
58) Fluorene	15.747	166	293808	47.710	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.335	232	87691	46.917	ng		95
60) Diethylphthalate	15.512	149	309323	46.844	ng		98
61) 4-Chlorophenyl-phenyle...	15.735	204	162815	47.380	ng		98
62) 4-Nitroaniline	15.776	138	68773	47.119	ng		96
63) Azobenzene	16.029	77	312627	46.234	ng		100
65) 4,6-Dinitro-2-methylph...	15.835	198	57373	47.161	ng		97
66) n-Nitrosodiphenylamine	15.952	169	257011	47.948	ng		99
67) 4-Bromophenyl-phenylether	16.628	248	116835	49.001	ng		96
68) Hexachlorobenzene	16.763	284	127825	48.951	ng		99
69) Atrazine	16.898	200	111251	49.301	ng		96
70) Pentachlorophenol	17.109	266	137196	96.540	ng		96
71) Phenanthrene	17.491	178	494761	47.660	ng		97
72) Anthracene	17.585	178	503055	49.301	ng		99
73) Carbazole	17.850	167	451769	45.176	ng		99
74) Di-n-butylphthalate	18.396	149	522811	46.485	ng		99
75) Fluoranthene	19.500	202	602420	44.818	ng		97
77) Benzidine	19.677	184	389390	96.108	ng		99
78) Pyrene	19.865	202	600251	49.328	ng		100
80) Butylbenzylphthalate	20.734	149	216755	48.576	ng		97
81) Benzo(a)anthracene	21.709	228	579756	48.355	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	127723	42.009	ng		99
83) Chrysene	21.780	228	521541	46.575	ng		98
84) Bis(2-ethylhexyl)phtha...	21.597	149	307590	49.943	ng		98
85) Di-n-octyl phthalate	22.819	149	513592	49.315	ng		100
87) Indeno(1,2,3-cd)pyrene	28.764	276	642277	47.093	ng	#	95
88) Benzo(b)fluoranthene	23.965	252	595460	51.373	ng		98
89) Benzo(k)fluoranthene	24.035	252	553282	48.576	ng		99
90) Benzo(a)pyrene	24.852	252	556493	56.408	ng	#	98
91) Dibenzo(a,h)anthracene	28.823	278	558493	49.697	ng		99
92) Benzo(g,h,i)perylene	29.939	276	562304	50.478	ng		95

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

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