Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053134.D
Acq On : 13 Apr 2022 12:05
Operator : CG/JU
Sample : PB144024BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 14 02:56:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144024BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
04/14/2022
Supervised By :Jagrut Upadhyay
04/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	32335	20.000	ng		0.00
21) Naphthalene-d8	10.930	136	138374	20.000	ng	#	0.00
39) Acenaphthene-d10	14.742	164	105038	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	248342	20.000	ng		0.00
76) Chrysene-d12	21.768	240	248098	20.000	ng		0.00
86) Perylene-d12	25.064	264	258510	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	273162	144.812	ng		0.00
7) Phenol-d6	7.282	99	397731	136.729	ng		0.00
23) Nitrobenzene-d5	9.279	82	275460	80.829	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	203184	121.586	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	613223	80.502	ng		0.00
79) Terphenyl-d14	20.088	244	1200308	81.710	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.563	88	31236	34.675	ng	#	91
3) Pyridine	3.963	79	80451	33.861	ng	#	87
4) n-Nitrosodimethylamine	3.875	42	57257	48.665	ng		82
6) Aniline	7.441	93	141653	42.018	ng		95
8) 2-Chlorophenol	7.687	128	106581	52.337	ng		94
9) Benzaldehyde	7.247	77	76320m	43.892	ng		
10) Phenol	7.305	94	146944	50.749	ng		89
11) bis(2-Chloroethyl)ether	7.529	93	99645	47.740	ng		95
12) 1,3-Dichlorobenzene	8.010	146	106529	45.018	ng	#	93
13) 1,4-Dichlorobenzene	8.157	146	110201	45.679	ng		97
14) 1,2-Dichlorobenzene	8.474	146	105418	45.313	ng		98
15) Benzyl Alcohol	8.351	79	125376	48.490	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.645	45	162482	46.627	ng		98
17) 2-Methylphenol	8.563	107	98290	50.163	ng		94
18) Hexachloroethane	9.209	117	42784	47.292	ng		96
19) n-Nitroso-di-n-propyla...	8.921	70	95754	44.963	ng		94
20) 3+4-Methylphenols	8.886	107	137556	49.731	ng		96
22) Acetophenone	8.939	105	169740	44.216	ng		97
24) Nitrobenzene	9.326	77	147084	44.372	ng		93
25) Isophorone	9.849	82	265286	45.798	ng		98
26) 2-Nitrophenol	10.037	139	61115	44.091	ng	#	91
27) 2,4-Dimethylphenol	10.096	122	106358	53.577	ng		92
28) bis(2-Chloroethoxy)met...	10.325	93	138645	42.605	ng		99
29) 2,4-Dichlorophenol	10.578	162	116831	46.814	ng		95
30) 1,2,4-Trichlorobenzene	10.795	180	120083	42.514	ng		98
31) Naphthalene	10.983	128	323433	43.811	ng		99
32) Benzoic acid	10.249	122	60161	46.674	ng	#	86
33) 4-Chloroaniline	11.083	127	87033	27.529	ng		94
34) Hexachlorobutadiene	11.271	225	88289	42.079	ng		98
35) Caprolactam	11.858	113	37890m	43.073	ng		
36) 4-Chloro-3-methylphenol	12.205	107	131223	45.165	ng		94
37) 2-Methylnaphthalene	12.581	142	234991	43.017	ng	#	94
38) 1-Methylnaphthalene	12.798	142	225732	42.334	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.951	216	154432	43.289	ng		99
41) Hexachlorocyclopentadiene	12.927	237	203214	110.347	ng		90
43) 2,4,6-Trichlorophenol	13.180	196	107140	43.559	ng		96

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44) 2,4,5-Trichlorophenol	13.256	196	113281	43.220	ng		93
46) 1,1'-Biphenyl	13.579	154	327101	43.243	ng		99
47) 2-Chloronaphthalene	13.626	162	257726	42.706	ng		98
48) 2-Nitroaniline	13.820	65	99344	43.378	ng		93
49) Acenaphthylene	14.466	152	433527	45.891	ng		98
50) Dimethylphthalate	14.190	163	354824	42.234	ng		99
51) 2,6-Dinitrotoluene	14.308	165	77037	43.954	ng	#	82
52) Acenaphthene	14.807	154	317204m	49.513	ng		
53) 3-Nitroaniline	14.637	138	56268	30.361	ng		89
54) 2,4-Dinitrophenol	14.848	184	101817	91.300	ng		92
55) Dibenzofuran	15.142	168	416520	41.521	ng		97
56) 4-Nitrophenol	14.954	139	126519	89.511	ng	#	75
57) 2,4-Dinitrotoluene	15.095	165	110466	44.270	ng	#	85
58) Fluorene	15.788	166	344961	42.577	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.365	232	110575	43.441	ng		99
60) Diethylphthalate	15.547	149	361345	41.050	ng		98
61) 4-Chlorophenyl-phenyle...	15.776	204	189763	41.317	ng		98
62) 4-Nitroaniline	15.800	138	78607	40.195	ng	#	78
63) Azobenzene	16.070	77	364703	41.094	ng		98
65) 4,6-Dinitro-2-methylph...	15.864	198	68172	39.346	ng		98
66) n-Nitrosodiphenylamine	15.988	169	310333	43.455	ng		96
67) 4-Bromophenyl-phenylether	16.669	248	135705	42.646	ng		96
68) Hexachlorobenzene	16.799	284	152845	44.353	ng		93
69) Atrazine	16.934	200	131758	47.232	ng		95
70) Pentachlorophenol	17.139	266	180824	96.010	ng		94
71) Phenanthrene	17.527	178	577547	42.577	ng		99
72) Anthracene	17.621	178	587981	43.753	ng		99
73) Carbazole	17.885	167	544606	41.690	ng		100
74) Di-n-butylphthalate	18.437	149	618600	41.754	ng		98
75) Fluoranthene	19.536	202	751286	43.207	ng		99
77) Benzidine	19.706	184	429239	60.639	ng		99
78) Pyrene	19.894	202	747879	42.326	ng		99
80) Butylbenzylphthalate	20.770	149	275505	41.822	ng		96
81) Benzo(a)anthracene	21.751	228	742677	43.782	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	201930	32.368	ng		96
83) Chrysene	21.821	228	676213	42.953	ng		99
84) Bis(2-ethylhexyl)phtha...	21.645	149	389777	43.774	ng		100
85) Di-n-octyl phthalate	22.878	149	659624	44.294	ng		96
87) Indeno(1,2,3-cd)pyrene	28.853	276	825785	42.996	ng		99
88) Benzo(b)fluoranthene	24.024	252	761750	46.703	ng		96
89) Benzo(k)fluoranthene	24.089	252	722428	45.067	ng		98
90) Benzo(a)pyrene	24.917	252	734357	52.850	ng		97
91) Dibenzo(a,h)anthracene	28.906	278	714992	45.231	ng		97
92) Benzo(g,h,i)perylene	30.028	276	707561	45.414	ng		99

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

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