Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
Data File : BG053163.D
Acq On : 15 Apr 2022 14:05
Operator : CG/JU
Sample : PB144139BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 03:13:42 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 :
PB144139BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.113	152	34984	20.000	ng		0.00
21) Naphthalene-d8	10.933	136	147146	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	111161	20.000	ng		0.00
64) Phenanthrene-d10	17.489	188	269861	20.000	ng		0.00
76) Chrysene-d12	21.771	240	279012	20.000	ng		0.00
86) Perylene-d12	25.073	264	286039	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	276452	135.459	ng		0.00
7) Phenol-d6	7.279	99	397851	126.414	ng		0.00
23) Nitrobenzene-d5	9.282	82	273328	75.422	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	203474	115.053	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	621482	77.092	ng		0.00
79) Terphenyl-d14	20.091	244	1219765	73.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	28576	29.320	ng	#	84
3) Pyridine	3.960	79	75676	29.440	ng	#	83
4) n-Nitrosodimethylamine	3.872	42	54210	42.587	ng	#	78
6) Aniline	7.438	93	127809	35.041	ng		100
8) 2-Chlorophenol	7.684	128	101388	46.017	ng		94
9) Benzaldehyde	7.250	77	57671	30.656	ng		91
10) Phenol	7.309	94	142636	45.531	ng		88
11) bis(2-Chloroethyl)ether	7.526	93	94327	41.770	ng		89
12) 1,3-Dichlorobenzene	8.008	146	102557	40.057	ng	#	95
13) 1,4-Dichlorobenzene	8.154	146	102787	39.380	ng		97
14) 1,2-Dichlorobenzene	8.472	146	103524	41.130	ng		98
15) Benzyl Alcohol	8.348	79	118190	42.250	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.636	45	152256	40.384	ng		97
17) 2-Methylphenol	8.560	107	93690	44.195	ng		96
18) Hexachloroethane	9.206	117	39480	40.336	ng		98
19) n-Nitroso-di-n-propyla...	8.918	70	93153	40.429	ng	#	94
20) 3+4-Methylphenols	8.889	107	130984	43.769	ng		96
22) Acetophenone	8.936	105	158407	38.804	ng	#	93
24) Nitrobenzene	9.323	77	142249	40.355	ng	#	87
25) Isophorone	9.846	82	257605	41.821	ng		99
26) 2-Nitrophenol	10.034	139	59669	40.481	ng		91
27) 2,4-Dimethylphenol	10.093	122	101763	48.206	ng		91
28) bis(2-Chloroethoxy)met...	10.322	93	136310	39.390	ng		98
29) 2,4-Dichlorophenol	10.581	162	114835	43.271	ng		95
30) 1,2,4-Trichlorobenzene	10.792	180	115594	38.485	ng		96
31) Naphthalene	10.980	128	307600	39.182	ng		99
32) Benzoic acid	10.246	122	61462	44.983	ng	#	89
33) 4-Chloroaniline	11.086	127	86676	25.782	ng		96
34) Hexachlorobutadiene	11.268	225	84773	37.995	ng		95
35) Caprolactam	11.849	113	36328m	38.835	ng		
36) 4-Chloro-3-methylphenol	12.202	107	127711	41.336	ng		96
37) 2-Methylnaphthalene	12.578	142	227576	39.176	ng		96
38) 1-Methylnaphthalene	12.795	142	218245	38.489	ng		93
40) 1,2,4,5-Tetrachloroben...	12.948	216	146510	38.806	ng		98
41) Hexachlorocyclopentadiene	12.930	237	176850	90.741	ng		96
43) 2,4,6-Trichlorophenol	13.183	196	103932	39.927	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	109459	39.461	ng		98
46) 1,1'-Biphenyl	13.576	154	315090	39.361	ng		99
47) 2-Chloronaphthalene	13.623	162	248884	38.969	ng		98
48) 2-Nitroaniline	13.817	65	96695	39.895	ng		94
49) Acenaphthylene	14.469	152	421469	42.157	ng		99
50) Dimethylphthalate	14.187	163	347346	39.067	ng		98
51) 2,6-Dinitrotoluene	14.311	165	74908	40.385	ng	#	84
52) Acenaphthene	14.810	154	301212m	44.427	ng		
53) 3-Nitroaniline	14.640	138	56113	28.610	ng		93
54) 2,4-Dinitrophenol	14.851	184	96718	81.950	ng	#	90
55) Dibenzofuran	15.139	168	403200	37.980	ng		98
56) 4-Nitrophenol	14.951	139	120122	80.304	ng		83
57) 2,4-Dinitrotoluene	15.098	165	107009	40.523	ng	#	89
58) Fluorene	15.785	166	332556	38.785	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.368	232	106827	39.657	ng		99
60) Diethylphthalate	15.550	149	354686	38.074	ng		97
61) 4-Chlorophenyl-phenyle...	15.774	204	186989	38.470	ng		98
62) 4-Nitroaniline	15.803	138	78044	37.709	ng	#	79
63) Azobenzene	16.067	77	351975	37.475	ng		98
65) 4,6-Dinitro-2-methylph...	15.868	198	68413	36.337	ng		94
66) n-Nitrosodiphenylamine	15.991	169	299540	38.599	ng		98
67) 4-Bromophenyl-phenylether	16.672	248	131746	38.100	ng		95
68) Hexachlorobenzene	16.802	284	146669	39.167	ng		97
69) Atrazine	16.931	200	129272	42.645	ng		99
70) Pentachlorophenol	17.142	266	170973	83.541	ng		91
71) Phenanthrene	17.530	178	565656	38.375	ng		98
72) Anthracene	17.624	178	571416	39.130	ng		98
73) Carbazole	17.888	167	529340	37.290	ng		99
74) Di-n-butylphthalate	18.435	149	615799	38.250	ng		99
75) Fluoranthene	19.533	202	738917	39.107	ng		98
77) Benzidine	19.709	184	285994	35.926	ng		99
78) Pyrene	19.897	202	739911	37.235	ng		99
80) Butylbenzylphthalate	20.773	149	277469	37.454	ng		98
81) Benzo(a)anthracene	21.754	228	737392	38.654	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	191166	27.248	ng		99
83) Chrysene	21.824	228	665532	37.591	ng		99
84) Bis(2-ethylhexyl)phtha...	21.642	149	387446	38.691	ng		99
85) Di-n-octyl phthalate	22.882	149	659795	39.396	ng		97
87) Indeno(1,2,3-cd)pyrene	28.862	276	819038	38.541	ng		98
88) Benzo(b)fluoranthene	24.027	252	773161	42.841	ng		98
89) Benzo(k)fluoranthene	24.098	252	720727	40.634	ng		98
90) Benzo(a)pyrene	24.926	252	738215	48.015	ng		98
91) Dibenzo(a,h)anthracene	28.926	278	712194	40.718	ng		97
92) Benzo(g,h,i)perylene	30.048	276	714523	41.447	ng		98

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

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