Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054190.D
Acq On : 1 Jul 2022 14:14
Operator : CG/JU
Sample : PB145890BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 23:34:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB145890BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	16402	20.000	ng		0.00
21) Naphthalene-d8	10.873	136	69383	20.000	ng		0.00
39) Acenaphthene-d10	14.692	164	59850	20.000	ng		0.00
64) Phenanthrene-d10	17.436	188	168652	20.000	ng	#	0.00
76) Chrysene-d12	21.713	240	179548	20.000	ng		0.00
86) Perylene-d12	24.968	264	180651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.632	112	110638	128.966	ng		0.00
7) Phenol-d6	7.230	99	151002	129.751	ng		0.00
23) Nitrobenzene-d5	9.228	82	98118	79.470	ng		0.00
42) 2,4,6-Tribromophenol	16.184	330	137157	142.635	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	301163	73.171	ng		0.00
79) Terphenyl-d14	20.044	244	745885	83.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	10407	27.751	ng	#	87
3) Pyridine	3.910	79	26777	26.757	ng		95
4) n-Nitrosodimethylamine	3.822	42	19219	43.660	ng		96
6) Aniline	7.389	93	53629	38.867	ng		98
8) 2-Chlorophenol	7.630	128	43335	47.309	ng		95
9) Benzaldehyde	7.195	77	28706m	41.794	ng		
10) Phenol	7.259	94	54564	46.263	ng		97
11) bis(2-Chloroethyl)ether	7.477	93	36431	40.243	ng		94
12) 1,3-Dichlorobenzene	7.953	146	46738	40.720	ng		90
13) 1,4-Dichlorobenzene	8.100	146	48042	41.668	ng		97
14) 1,2-Dichlorobenzene	8.423	146	46151	41.697	ng		98
15) Benzyl Alcohol	8.299	79	41864m	48.130	ng		
16) 2,2'-oxybis(1-Chloropr...	8.593	45	53682	39.668	ng		97
17) 2-Methylphenol	8.511	107	38020	46.404	ng		94
18) Hexachloroethane	9.151	117	15935	41.662	ng	#	68
19) n-Nitroso-di-n-propyla...	8.869	70	32460	41.516	ng	#	90
20) 3+4-Methylphenols	8.834	107	53527	46.585	ng		94
22) Acetophenone	8.887	105	66399	39.370	ng	#	96
24) Nitrobenzene	9.269	77	49709	40.885	ng	#	88
25) Isophorone	9.792	82	96129	41.689	ng	#	94
26) 2-Nitrophenol	9.986	139	26202	48.793	ng	#	80
27) 2,4-Dimethylphenol	10.044	122	43342	49.865	ng		91
28) bis(2-Chloroethoxy)met...	10.274	93	53452	43.030	ng		97
29) 2,4-Dichlorophenol	10.526	162	55250	47.410	ng		90
30) 1,2,4-Trichlorobenzene	10.738	180	56637	39.250	ng		94
31) Naphthalene	10.926	128	133733	38.181	ng		99
32) Benzoic acid	10.191	122	22536m	56.806	ng		
33) 4-Chloroaniline	11.026	127	48027	33.051	ng		91
34) Hexachlorobutadiene	11.214	225	45088	40.642	ng		95
35) Caprolactam	11.795	113	17296m	53.912	ng		
36) 4-Chloro-3-methylphenol	12.154	107	55755	49.216	ng		90
37) 2-Methylnaphthalene	12.524	142	103824	40.064	ng		98
38) 1-Methylnaphthalene	12.741	142	101293	40.143	ng		95
40) 1,2,4,5-Tetrachloroben...	12.894	216	87088	37.763	ng	#	95
41) Hexachlorocyclopentadiene	12.876	237	78875	73.451	ng		93
43) 2,4,6-Trichlorophenol	13.135	196	55757	43.041	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	63083	43.613	ng	#	91
46) 1,1'-Biphenyl	13.529	154	156016	37.424	ng		97
47) 2-Chloronaphthalene	13.576	162	127308	37.734	ng		95
48) 2-Nitroaniline	13.769	65	40398	45.013	ng		92
49) Acenaphthylene	14.416	152	201750	38.456	ng		99
50) Dimethylphthalate	14.140	163	184932	40.572	ng		98
51) 2,6-Dinitrotoluene	14.263	165	41678	45.257	ng	#	77
52) Acenaphthene	14.757	154	150059m	44.872	ng		
53) 3-Nitroaniline	14.592	138	30591	34.287	ng		94
54) 2,4-Dinitrophenol	14.804	184	51847	100.089	ng	#	78
55) Dibenzofuran	15.091	168	213759	39.673	ng		96
56) 4-Nitrophenol	14.909	139	59578	94.056	ng		90
57) 2,4-Dinitrotoluene	15.050	165	62607	48.137	ng	#	86
58) Fluorene	15.738	166	179425	40.558	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	65089	46.015	ng	#	88
60) Diethylphthalate	15.503	149	185402	42.001	ng		97
61) 4-Chlorophenyl-phenyle...	15.726	204	111715	42.181	ng		90
62) 4-Nitroaniline	15.755	138	39395	42.340	ng	#	81
63) Azobenzene	16.020	77	143821	40.477	ng		89
65) 4,6-Dinitro-2-methylph...	15.820	198	39872	47.387	ng		84
66) n-Nitrosodiphenylamine	15.943	169	166970	37.987	ng		97
67) 4-Bromophenyl-phenylether	16.625	248	85145	40.422	ng	#	90
68) Hexachlorobenzene	16.748	284	97305	40.384	ng	#	91
69) Atrazine	16.889	200	83048	45.611	ng		93
70) Pentachlorophenol	17.095	266	99530	88.926	ng		97
71) Phenanthrene	17.483	178	328946	37.963	ng		98
72) Anthracene	17.571	178	331859	39.220	ng		99
73) Carbazole	17.841	167	289024	39.795	ng		99
74) Di-n-butylphthalate	18.393	149	332013	39.538	ng	#	97
75) Fluoranthene	19.486	202	424002	37.276	ng		97
77) Benzidine	19.663	184	180278	48.485	ng		96
78) Pyrene	19.851	202	423638	39.066	ng		98
80) Butylbenzylphthalate	20.726	149	138328	39.796	ng		91
81) Benzo(a)anthracene	21.695	228	443501	38.149	ng		99
82) 3,3'-Dichlorobenzidine	21.601	252	140402	40.423	ng	#	99
83) Chrysene	21.760	228	414746	37.427	ng		98
84) Bis(2-ethylhexyl)phtha...	21.596	149	196597	39.547	ng	#	94
85) Di-n-octyl phthalate	22.812	149	332403	38.903	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.705	276	533538	39.136	ng	#	99
88) Benzo(b)fluoranthene	23.940	252	454301	41.360	ng		99
89) Benzo(k)fluoranthene	24.005	252	447791	41.175	ng	#	98
90) Benzo(a)pyrene	24.815	252	405885	43.796	ng		99
91) Dibenzo(a,h)anthracene	28.770	278	468440	41.553	ng	#	97
92) Benzo(g,h,i)perylene	29.868	276	454670	40.869	ng		93

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

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