Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010726.D
Acq On : 08 Jun 2022 15:26
Operator : CG/JU
Sample : PB145306BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 04:12:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 19:29:31 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB145306BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/09/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	99338	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	427981	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	301703	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	678870	20.000	ng	0.00
76) Chrysene-d12	21.327	240	751822	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	756686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	784135	136.235	ng	0.00
7) Phenol-d6	7.022	99	1048897	133.252	ng	0.00
23) Nitrobenzene-d5	8.999	82	698198	76.826	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	538927	131.174	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1592036	75.910	ng	0.00
79) Terphenyl-d14	19.792	244	3304823	82.196	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	67300	29.090	ng	94
3) Pyridine	3.728	79	196104	29.978	ng	95
4) n-Nitrosodimethylamine	3.634	42	148421	40.661	ng	97
6) Aniline	7.169	93	334057	36.301	ng	100
8) 2-Chlorophenol	7.405	128	295142	47.226	ng	98
9) Benzaldehyde	6.981	77	75177	15.805	ng	98
10) Phenol	7.046	94	391717	48.234	ng	96
11) bis(2-Chloroethyl)ether	7.263	93	275377	44.128	ng	98
12) 1,3-Dichlorobenzene	7.728	146	298436	41.716	ng	96
13) 1,4-Dichlorobenzene	7.875	146	309015	42.211	ng	99
14) 1,2-Dichlorobenzene	8.187	146	296085	42.014	ng	99
15) Benzyl Alcohol	8.087	79	293062m	46.934	ng	
16) 2,2'-oxybis(1-Chloropr...	8.369	45	428162	40.815	ng	97
17) 2-Methylphenol	8.293	107	258512	47.142	ng	98
18) Hexachloroethane	8.916	117	114255	40.219	ng	94
19) n-Nitroso-di-n-propyla...	8.652	70	239817	43.200	ng	95
20) 3+4-Methylphenols	8.622	107	356438	47.354	ng	99
22) Acetophenone	8.663	105	456176	39.994	ng	96
24) Nitrobenzene	9.040	77	363760	39.644	ng	99
25) Isophorone	9.575	82	661552	42.536	ng	97
26) 2-Nitrophenol	9.757	139	159756	42.365	ng	97
27) 2,4-Dimethylphenol	9.822	122	289920	52.445	ng	99
28) bis(2-Chloroethoxy)met...	10.052	93	373609	44.602	ng	100
29) 2,4-Dichlorophenol	10.293	162	296294	45.507	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	297805	39.573	ng	99
31) Naphthalene	10.687	128	889698	38.957	ng	99
32) Benzoic acid	9.999	122	208182	46.011	ng	99
33) 4-Chloroaniline	10.804	127	274679	30.620	ng	99
34) Hexachlorobutadiene	10.975	225	191551	37.515	ng	97
35) Caprolactam	11.610	113	108279m	48.824	ng	
36) 4-Chloro-3-methylphenol	11.940	107	365562	47.033	ng	99
37) 2-Methylnaphthalene	12.298	142	648858	40.747	ng	99
38) 1-Methylnaphthalene	12.516	142	618728	39.488	ng	97
40) 1,2,4,5-Tetrachloroben...	12.669	216	362560	39.063	ng	99
41) Hexachlorocyclopentadiene	12.651	237	384132	83.823	ng	97
43) 2,4,6-Trichlorophenol	12.916	196	258925	42.997	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.993	196	288731	43.107	ng	98
46)	1,1'-Biphenyl	13.310	154	883097	39.689	ng	99
47)	2-Chloronaphthalene	13.351	162	680803	39.104	ng	100
48)	2-Nitroaniline	13.563	65	277888	43.068	ng	99
49)	Acenaphthylene	14.198	152	1162500	42.117	ng	99
50)	Dimethylphthalate	13.940	163	952540	41.531	ng	99
51)	2,6-Dinitrotoluene	14.057	165	214514	43.880	ng	98
52)	Acenaphthene	14.540	154	659542	39.406	ng	98
53)	3-Nitroaniline	14.392	138	172061	34.391	ng	100
54)	2,4-Dinitrophenol	14.604	184	279613	87.865	ng	98
55)	Dibenzofuran	14.875	168	1099702	40.870	ng	98
56)	4-Nitrophenol	14.716	139	395939	105.746	ng	96
57)	2,4-Dinitrotoluene	14.851	165	306735	45.084	ng	98
58)	Fluorene	15.528	166	927653	41.375	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.110	232	262696	43.069	ng	98
60)	Diethylphthalate	15.304	149	992245	42.254	ng	99
61)	4-Chlorophenyl-phenyle...	15.522	204	478268	42.025	ng	96
62)	4-Nitroaniline	15.557	138	233358	45.454	ng	99
63)	Azobenzene	15.816	77	975553	41.418	ng	98
65)	4,6-Dinitro-2-methylph...	15.622	198	183179	43.000	ng	94
66)	n-Nitrosodiphenylamine	15.739	169	832627	41.998	ng	99
67)	4-Bromophenyl-phenylether	16.422	248	304863	41.254	ng	95
68)	Hexachlorobenzene	16.539	284	350038	40.961	ng	95
69)	Atrazine	16.698	200	317624	45.048	ng	99
70)	Pentachlorophenol	16.886	266	460384	98.859	ng	100
71)	Phenanthrene	17.275	178	1518393	40.678	ng	99
72)	Anthracene	17.369	178	1540783	42.690	ng	100
73)	Carbazole	17.639	167	1454680	45.158	ng	100
74)	Di-n-butylphthalate	18.192	149	1825756	43.213	ng	99
75)	Fluoranthene	19.245	202	1916193	43.378	ng	99
77)	Benzidine	19.427	184	813992	55.405	ng	99
78)	Pyrene	19.598	202	1970742	38.853	ng	100
80)	Butylbenzylphthalate	20.469	149	864945	39.781	ng	97
81)	Benzo(a)anthracene	21.310	228	2049756	41.008	ng	100
82)	3,3'-Dichlorobenzidine	21.239	252	696795	47.764	ng	98
83)	Chrysene	21.363	228	1886883	39.533	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.233	149	1282761	41.541	ng	99
85)	Di-n-octyl phthalate	22.157	149	2172384	41.865	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.251	276	2358707	42.839	ng	97
88)	Benzo(b)fluoranthene	22.998	252	2097872	44.430	ng	99
89)	Benzo(k)fluoranthene	23.045	252	2095565	43.545	ng	99
90)	Benzo(a)pyrene	23.627	252	2032961	51.430	ng	98
91)	Dibenzo(a,h)anthracene	26.257	278	2129943	46.250	ng	97
92)	Benzo(g,h,i)perylene	27.015	276	2101498	46.038	ng	97

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

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