Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035827.D
Acq On : 15 Jul 2022 11:37
Operator : CG/JU
Sample : PB146220BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 23:46:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146220BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	269107	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1087214	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	604919	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1212495	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1218596	20.000	ng		0.00
86) Perylene-d12	23.833	264	1235138	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2062561	124.493	ng		0.00
7) Phenol-d6	7.069	99	2487751	120.044	ng		0.00
23) Nitrobenzene-d5	9.069	82	1534931	80.709	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	846168	137.745	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3286859	75.777	ng		0.00
79) Terphenyl-d14	19.904	244	5111211	81.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	232646	33.290	ng	#	93
3) Pyridine	3.728	79	651237	35.906	ng		88
4) n-Nitrosodimethylamine	3.640	42	317989	39.832	ng	#	68
6) Aniline	7.228	93	931031	40.203	ng		95
8) 2-Chlorophenol	7.463	128	753796	43.698	ng		96
9) Benzaldehyde	7.040	77	457478	40.445	ng		92
10) Phenol	7.093	94	922200	44.193	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	726511	42.228	ng		96
12) 1,3-Dichlorobenzene	7.793	146	816640	41.295	ng		97
13) 1,4-Dichlorobenzene	7.940	146	834350	41.422	ng		100
14) 1,2-Dichlorobenzene	8.257	146	801913	41.256	ng		99
15) Benzyl Alcohol	8.146	79	591220m	44.363	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	967431	43.560	ng		97
17) 2-Methylphenol	8.351	107	595979	44.300	ng		96
18) Hexachloroethane	8.987	117	310828	43.853	ng		97
19) n-Nitroso-di-n-propyla...	8.716	70	529368	44.480	ng		89
20) 3+4-Methylphenols	8.681	107	789185	43.829	ng		96
22) Acetophenone	8.734	105	1074133	40.926	ng	#	91
24) Nitrobenzene	9.110	77	778654	43.450	ng		97
25) Isophorone	9.640	82	1429925	47.471	ng		98
26) 2-Nitrophenol	9.822	139	357482	46.683	ng		92
27) 2,4-Dimethylphenol	9.887	122	639571	49.487	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	885893	41.713	ng		99
29) 2,4-Dichlorophenol	10.357	162	623372	44.057	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	683332	39.080	ng		99
31) Naphthalene	10.763	128	2230408	40.621	ng		100
32) Benzoic acid	10.004	122	393584	45.643	ng		94
33) 4-Chloroaniline	10.875	127	638126	29.394	ng		96
34) Hexachlorobutadiene	11.045	225	400882	39.752	ng		97
35) Caprolactam	11.645	113	198670	46.239	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	644935	45.076	ng		98
37) 2-Methylnaphthalene	12.369	142	1487090	41.177	ng		98
38) 1-Methylnaphthalene	12.592	142	1420190	40.368	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	712405	40.682	ng		98
41) Hexachlorocyclopentadiene	12.716	237	1012148	110.819	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	465639	45.638	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	504437	46.089	ng	98
46) 1,1'-Biphenyl	13.380	154	1861741	40.522	ng	99
47) 2-Chloronaphthalene	13.422	162	1443740	41.045	ng	100
48) 2-Nitroaniline	13.622	65	410260	44.809	ng	92
49) Acenaphthylene	14.263	152	2305179	43.357	ng	100
50) Dimethylphthalate	14.004	163	1684663	43.209	ng	99
51) 2,6-Dinitrotoluene	14.116	165	371093	43.919	ng	95
52) Acenaphthene	14.604	154	1348265	41.549	ng	100
53) 3-Nitroaniline	14.445	138	321019	32.587	ng	94
54) 2,4-Dinitrophenol	14.651	184	372849	102.020	ng	87
55) Dibenzofuran	14.939	168	2112931	40.265	ng	97
56) 4-Nitrophenol	14.751	139	747204	93.526	ng	84
57) 2,4-Dinitrotoluene	14.898	165	508808	45.559	ng	97
58) Fluorene	15.586	166	1738421	41.755	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	413271	45.801	ng	97
60) Diethylphthalate	15.363	149	1702830	44.392	ng	100
61) 4-Chlorophenyl-phenyle...	15.580	204	830669	40.186	ng	95
62) 4-Nitroaniline	15.604	138	446654	42.555	ng	90
63) Azobenzene	15.874	77	1685989	42.412	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	221469	44.024	ng	94
66) n-Nitrosodiphenylamine	15.792	169	1456779	42.016	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	494901	41.214	ng	94
68) Hexachlorobenzene	16.580	284	590794	41.657	ng	92
69) Atrazine	16.745	200	497176	55.497	ng	97
70) Pentachlorophenol	16.921	266	736208	100.481	ng	99
71) Phenanthrene	17.321	178	2619719	41.129	ng	99
72) Anthracene	17.410	178	2664277	43.479	ng	99
73) Carbazole	17.680	167	2550858	41.378	ng	99
74) Di-n-butylphthalate	18.257	149	2914005	44.474	ng	99
75) Fluoranthene	19.333	202	3045999	42.760	ng	99
77) Benzidine	19.521	184	1741102	102.056	ng	99
78) Pyrene	19.692	202	3166024	41.371	ng	99
80) Butylbenzylphthalate	20.604	149	1231466	45.708	ng	95
81) Benzo(a)anthracene	21.439	228	3192493	41.762	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	893493	57.653	ng	100
83) Chrysene	21.492	228	3015681	40.860	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	1847152	45.445	ng	99
85) Di-n-octyl phthalate	22.303	149	2992502	50.177	ng	96
87) Indeno(1,2,3-cd)pyrene	26.321	276	3737527	41.554	ng	99
88) Benzo(b)fluoranthene	23.109	252	3270270	43.837	ng	99
89) Benzo(k)fluoranthene	23.162	252	3361225	43.077	ng	99
90) Benzo(a)pyrene	23.733	252	2925881	46.875	ng	99
91) Dibenzo(a,h)anthracene	26.338	278	3291173	44.109	ng	99
92) Benzo(g,h,i)perylene	27.080	276	3222628	43.774	ng	99

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

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