Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035240.D
Acq On : 25 May 2022 13:09
Operator : CG/JU
Sample : PB145067BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 05:23:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 05:05:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB145067BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	166238	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	688138	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	442931	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	883079	20.000	ng		0.00
76) Chrysene-d12	21.456	240	788735	20.000	ng	#	0.00
86) Perylene-d12	23.833	264	689040	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1331590	141.317	ng		0.00
7) Phenol-d6	7.069	99	1670676	137.343	ng		0.00
23) Nitrobenzene-d5	9.057	82	1081516	84.872	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	797606	165.540	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	2840614	93.099	ng		0.00
79) Terphenyl-d14	19.903	244	4196649	103.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	127498	33.441	ng		91
3) Pyridine	3.769	79	310559	29.236	ng		94
4) n-Nitrosodimethylamine	3.681	42	207447	39.608	ng		88
6) Aniline	7.222	93	592063	42.373	ng		97
8) 2-Chlorophenol	7.457	128	541700	51.653	ng		94
9) Benzaldehyde	7.028	77	68627	8.668	ng		93
10) Phenol	7.098	94	619162	49.771	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	435781	46.531	ng		95
12) 1,3-Dichlorobenzene	7.781	146	553212	46.568	ng		97
13) 1,4-Dichlorobenzene	7.928	146	567088	46.643	ng		99
14) 1,2-Dichlorobenzene	8.245	146	548023	47.346	ng		99
15) Benzyl Alcohol	8.134	79	459400	50.536	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	563119	37.101	ng		95
17) 2-Methylphenol	8.345	107	428655	50.744	ng		98
18) Hexachloroethane	8.975	117	200079	44.837	ng		90
19) n-Nitroso-di-n-propyla...	8.710	70	364398	45.759	ng		93
20) 3+4-Methylphenols	8.675	107	583859	50.515	ng		100
22) Acetophenone	8.722	105	748433	44.908	ng	#	95
24) Nitrobenzene	9.098	77	543270	42.382	ng		97
25) Isophorone	9.628	82	993093	46.612	ng		98
26) 2-Nitrophenol	9.804	139	299220	53.495	ng		97
27) 2,4-Dimethylphenol	9.875	122	495852	57.488	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	600471	48.973	ng		99
29) 2,4-Dichlorophenol	10.345	162	540706	53.170	ng		100
30) 1,2,4-Trichlorobenzene	10.557	180	572437	49.731	ng		98
31) Naphthalene	10.745	128	1554750	43.798	ng		100
32) Benzoic acid	10.057	122	372550	53.838	ng		97
33) 4-Chloroaniline	10.857	127	295350	20.684	ng		97
34) Hexachlorobutadiene	11.033	225	375600	52.849	ng		98
35) Caprolactam	11.663	113	150878m	51.369	ng		
36) 4-Chloro-3-methylphenol	11.992	107	536935	51.024	ng		100
37) 2-Methylnaphthalene	12.357	142	1129995	45.941	ng		100
38) 1-Methylnaphthalene	12.574	142	1083392	45.104	ng		100
40) 1,2,4,5-Tetrachloroben...	12.727	216	687638	54.522	ng		98
41) Hexachlorocyclopentadiene	12.710	237	924337	122.409	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	463938	54.339	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	497427	52.466	ng		94
46) 1,1'-Biphenyl	13.369	154	1544915	46.298	ng		99
47) 2-Chloronaphthalene	13.410	162	1194426	45.930	ng		99
48) 2-Nitroaniline	13.610	65	331768	44.349	ng		95
49) Acenaphthylene	14.251	152	1938578	48.419	ng		99
50) Dimethylphthalate	13.998	163	1530737	46.354	ng		99
51) 2,6-Dinitrotoluene	14.110	165	335912	49.962	ng		89
52) Acenaphthene	14.598	154	1093100	40.297	ng		99
53) 3-Nitroaniline	14.439	138	215322	29.850	ng		95
54) 2,4-Dinitrophenol	14.651	184	429310	108.558	ng	#	86
55) Dibenzofuran	14.933	168	1789862	46.219	ng		97
56) 4-Nitrophenol	14.757	139	530952	90.114	ng		96
57) 2,4-Dinitrotoluene	14.898	165	457311	50.744	ng		93
58) Fluorene	15.580	166	1458730	45.348	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	431274	53.507	ng	#	88
60) Diethylphthalate	15.357	149	1507997	44.835	ng		98
61) 4-Chlorophenyl-phenyle...	15.574	204	795435	51.670	ng		93
62) 4-Nitroaniline	15.604	138	309114	41.383	ng		97
63) Azobenzene	15.868	77	1232726	40.185	ng		94
65) 4,6-Dinitro-2-methylph...	15.662	198	268522	50.866	ng		92
66) n-Nitrosodiphenylamine	15.786	169	1274339	47.616	ng		99
67) 4-Bromophenyl-phenylether	16.468	248	494493	55.088	ng	#	90
68) Hexachlorobenzene	16.586	284	542826	53.562	ng	#	92
69) Atrazine	16.745	200	475939	52.970	ng		97
70) Pentachlorophenol	16.933	266	696716	109.722	ng		99
71) Phenanthrene	17.321	178	2218625	45.079	ng		99
72) Anthracene	17.409	178	2252970	47.408	ng		100
73) Carbazole	17.680	167	1972181	45.439	ng		98
74) Di-n-butylphthalate	18.251	149	2463281	44.606	ng		100
75) Fluoranthene	19.333	202	2513249	46.505	ng		97
77) Benzidine	19.515	184	1002186	41.593	ng		99
78) Pyrene	19.692	202	2541227	48.721	ng		100
80) Butylbenzylphthalate	20.592	149	1040012	45.426	ng		95
81) Benzo(a)anthracene	21.444	228	2421182	46.004	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	640147	41.732	ng	#	98
83) Chrysene	21.497	228	2247292	44.704	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1516191	43.067	ng	#	98
85) Di-n-octyl phthalate	22.291	149	2461965	42.421	ng		96
87) Indeno(1,2,3-cd)pyrene	26.303	276	2073202	39.575	ng		95
88) Benzo(b)fluoranthene	23.115	252	2248109	51.874	ng		99
89) Benzo(k)fluoranthene	23.162	252	2109412	48.083	ng		99
90) Benzo(a)pyrene	23.733	252	2052662	57.011	ng	#	97
91) Dibenzo(a,h)anthracene	26.321	278	1832548	41.702	ng		97
92) Benzo(g,h,i)perylene	27.056	276	1774520	42.027	ng	#	95

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

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