Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009382.D
Acq On : 14 Mar 2022 15:09
Operator : CG/JU
Sample : PB143271BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 15 00:59:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB143271BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

03/15/2022
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03/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	350149	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1346932	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	764745	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1473495	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1386979	20.000	ng	#	0.00
86) Perylene-d12	23.733	264	1512269	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2783109	116.021	ng		0.02
7) Phenol-d6	7.016	99	3351961	109.959	ng		0.03
23) Nitrobenzene-d5	8.975	82	2104784	86.069	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1388856	150.401	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	4623447	83.141	ng		0.00
79) Terphenyl-d14	19.792	244	6535161	88.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	274920	26.924	ng		97
3) Pyridine	3.740	79	691128	31.757	ng		98
4) n-Nitrosodimethylamine	3.646	42	360460	39.715	ng		99
6) Aniline	7.146	93	1311757	33.972	ng		97
8) 2-Chlorophenol	7.393	128	1039055	42.286	ng		96
9) Benzaldehyde	6.957	77	548794m	28.256	ng		
10) Phenol	7.040	94	1238549	39.236	ng		97
11) bis(2-Chloroethyl)ether	7.240	93	949810	38.880	ng		98
12) 1,3-Dichlorobenzene	7.705	146	1116850	38.580	ng		99
13) 1,4-Dichlorobenzene	7.852	146	1148502	39.101	ng		99
14) 1,2-Dichlorobenzene	8.169	146	1104771	39.354	ng		99
15) Benzyl Alcohol	8.063	79	867630	40.358	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1032920	32.574	ng		96
17) 2-Methylphenol	8.281	107	812153	39.746	ng		99
18) Hexachloroethane	8.893	117	402900	39.412	ng		93
19) n-Nitroso-di-n-propyla...	8.628	70	699741	38.060	ng		96
20) 3+4-Methylphenols	8.610	107	1080422	39.454	ng		97
22) Acetophenone	8.640	105	1424254	39.556	ng	#	98
24) Nitrobenzene	9.016	77	1054654	40.694	ng		96
25) Isophorone	9.546	82	1845670	40.349	ng		98
26) 2-Nitrophenol	9.722	139	531974	52.986	ng		96
27) 2,4-Dimethylphenol	9.804	122	874897	39.620	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	1150411	38.431	ng		99
29) 2,4-Dichlorophenol	10.275	162	914004	42.915	ng		100
30) 1,2,4-Trichlorobenzene	10.475	180	1044025	41.883	ng		99
31) Naphthalene	10.663	128	2952407	39.581	ng		100
32) Benzoic acid	9.981	122	563424	50.238	ng		93
33) 4-Chloroaniline	10.775	127	645416	21.162	ng		98
34) Hexachlorobutadiene	10.951	225	683790	45.045	ng		99
35) Caprolactam	11.563	113	262664	41.899	ng		93
36) 4-Chloro-3-methylphenol	11.928	107	907163	40.804	ng		99
37) 2-Methylnaphthalene	12.275	142	2008271	37.894	ng		99
38) 1-Methylnaphthalene	12.492	142	1889360	38.710	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1151593	44.685	ng		99
41) Hexachlorocyclopentadiene	12.634	237	1462209	89.581	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	723543	46.758	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	766925	45.185	ng		97
46) 1,1'-Biphenyl	13.292	154	2518748	40.340	ng		99
47) 2-Chloronaphthalene	13.328	162	1964796	41.545	ng		100
48) 2-Nitroaniline	13.534	65	518951	47.724	ng		95
49) Acenaphthylene	14.175	152	3068447	41.992	ng		100
50) Dimethylphthalate	13.922	163	2298135	40.744	ng		100
51) 2,6-Dinitrotoluene	14.034	165	513922	46.138	ng		95
52) Acenaphthene	14.522	154	2086170m	44.546	ng		
53) 3-Nitroaniline	14.363	138	361213	30.529	ng		95
54) 2,4-Dinitrophenol	14.575	184	536575	112.502	ng		95
55) Dibenzofuran	14.857	168	2829545	39.885	ng		99
56) 4-Nitrophenol	14.710	139	867414	88.153	ng		96
57) 2,4-Dinitrotoluene	14.822	165	688899	48.303	ng		96
58) Fluorene	15.510	166	2221260	39.983	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	656926	45.966	ng		93
60) Diethylphthalate	15.292	149	2218260	40.393	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	1186140	41.916	ng		98
62) 4-Nitroaniline	15.534	138	507891	44.266	ng		98
63) Azobenzene	15.798	77	2011575	37.284	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	363335	56.060	ng		98
66) n-Nitrosodiphenylamine	15.722	169	1927263	41.667	ng		98
67) 4-Bromophenyl-phenylether	16.404	248	756959	47.615	ng		94
68) Hexachlorobenzene	16.522	284	878342	47.106	ng		96
69) Atrazine	16.686	200	711900	43.723	ng		99
70) Pentachlorophenol	16.875	266	1038913	92.572	ng		99
71) Phenanthrene	17.263	178	3386893	39.995	ng		99
72) Anthracene	17.351	178	3458727	41.034	ng		100
73) Carbazole	17.628	167	3077659	40.072	ng		100
74) Di-n-butylphthalate	18.186	149	3556602	41.839	ng		100
75) Fluoranthene	19.239	202	3936033	40.269	ng		98
77) Benzidine	19.422	184	2001496	41.344	ng		99
78) Pyrene	19.592	202	3996228	42.674	ng		100
80) Butylbenzylphthalate	20.474	149	1580278	46.752	ng		96
81) Benzo(a)anthracene	21.310	228	3929741	41.802	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	1302410	37.741	ng	#	99
83) Chrysene	21.363	228	3694681	40.479	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2222709	41.116	ng		99
85) Di-n-octyl phthalate	22.174	149	3821970	43.183	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	5357030	45.593	ng		95
88) Benzo(b)fluoranthene	23.004	252	4296078	42.075	ng		98
89) Benzo(k)fluoranthene	23.051	252	3938186	40.372	ng		98
90) Benzo(a)pyrene	23.627	252	4102235	42.360	ng		98
91) Dibenzo(a,h)anthracene	26.262	278	4635078	46.523	ng		97
92) Benzo(g,h,i)perylene	27.015	276	4693590	47.687	ng		96

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

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