Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008603.D
Acq On : 30 Dec 2021 10:51
Operator : CG/JU
Sample : PB141549BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 14:06:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141549BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :mohammad ahmed 01/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	708225	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	2873021	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	1900221	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	3881820	20.000	ng		0.00
76) Chrysene-d12	21.357	240	3442723	20.000	ng		0.00
86) Perylene-d12	23.780	264	3007013	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	5597880	144.271	ng		0.00
7) Phenol-d6	7.069	99	6864796	127.108	ng		0.01
23) Nitrobenzene-d5	9.057	82	4067268	84.217	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	3343990	130.070	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	10919774	83.258	ng		0.00
79) Terphenyl-d14	19.827	244	13198916	78.279	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	543489	34.673	ng		100
3) Pyridine	3.769	79	1298799	30.375	ng		99
4) n-Nitrosodimethylamine	3.681	42	634889	45.985	ng		98
6) Aniline	7.222	93	2838814	45.225	ng		99
8) 2-Chlorophenol	7.463	128	2199983	48.134	ng		99
9) Benzaldehyde	7.028	77	1223948	39.818	ng		99
10) Phenol	7.093	94	2585498	47.421	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	1932932	43.957	ng		99
12) 1,3-Dichlorobenzene	7.787	146	2333622	43.618	ng		99
13) 1,4-Dichlorobenzene	7.934	146	2378612	43.710	ng		99
14) 1,2-Dichlorobenzene	8.252	146	2312150	43.491	ng		99
15) Benzyl Alcohol	8.134	79	1704354	44.058	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	2122530	42.419	ng		99
17) 2-Methylphenol	8.340	107	1766322	46.554	ng		99
18) Hexachloroethane	8.981	117	796519	44.895	ng		99
19) n-Nitroso-di-n-propyla...	8.710	70	1382641	40.089	ng		99
20) 3+4-Methylphenols	8.669	107	2392235	44.880	ng		99
22) Acetophenone	8.722	105	2989400	43.392	ng	#	98
24) Nitrobenzene	9.099	77	2070241	45.009	ng		100
25) Isophorone	9.628	82	3833353	42.489	ng		99
26) 2-Nitrophenol	9.810	139	1056865	48.378	ng		99
27) 2,4-Dimethylphenol	9.875	122	2054988	52.130	ng		100
28) bis(2-Chloroethoxy)met...	10.110	93	2572516	41.185	ng		99
29) 2,4-Dichlorophenol	10.346	162	2224632	46.627	ng		100
30) 1,2,4-Trichlorobenzene	10.563	180	2422009	43.050	ng		99
31) Naphthalene	10.751	128	6425499	43.089	ng		100
32) Benzoic acid	10.028	122	1188628	47.739	ng		98
33) 4-Chloroaniline	10.851	127	1402511	21.934	ng		100
34) Hexachlorobutadiene	11.046	225	1453574	42.559	ng		99
35) Caprolactam	11.640	113	637168m	40.630	ng		
36) 4-Chloro-3-methylphenol	11.981	107	2065646	43.313	ng		100
37) 2-Methylnaphthalene	12.357	142	4891313	43.577	ng		100
38) 1-Methylnaphthalene	12.575	142	4499528	41.001	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	2794952	46.688	ng		99
41) Hexachlorocyclopentadiene	12.716	237	3746972	117.704	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	1807847	46.415	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1995129	46.392	ng	99
46) 1,1'-Biphenyl	13.369	154	6288431	44.742	ng	99
47) 2-Chloronaphthalene	13.404	162	4834009	43.885	ng	100
48) 2-Nitroaniline	13.598	65	1104159	45.727	ng	100
49) Acenaphthylene	14.251	152	7516305	44.424	ng	100
50) Dimethylphthalate	13.992	163	6038299	41.257	ng	100
51) 2,6-Dinitrotoluene	14.098	165	1366562	45.503	ng	99
52) Acenaphthene	14.592	154	5157457m	46.588	ng	
53) 3-Nitroaniline	14.422	138	856051	27.387	ng	99
54) 2,4-Dinitrophenol	14.634	184	1215978	90.906	ng	96
55) Dibenzofuran	14.928	168	7269608	40.962	ng	99
56) 4-Nitrophenol	14.739	139	2214286	89.960	ng	96
57) 2,4-Dinitrotoluene	14.887	165	1851505	46.205	ng	98
58) Fluorene	15.575	166	5766845	41.699	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1690359m	43.873	ng	
60) Diethylphthalate	15.357	149	5836210	40.795	ng	100
61) 4-Chlorophenyl-phenyle...	15.575	204	3162822	41.055	ng	100
62) 4-Nitroaniline	15.592	138	1288129	40.578	ng	99
63) Azobenzene	15.863	77	4738961	41.043	ng	98
65) 4,6-Dinitro-2-methylph...	15.651	198	814551	41.730	ng	100
66) n-Nitrosodiphenylamine	15.786	169	5226219	44.610	ng	100
67) 4-Bromophenyl-phenylether	16.469	248	1848593	43.522	ng	99
68) Hexachlorobenzene	16.586	284	2360960	45.282	ng	100
69) Atrazine	16.739	200	1972483	45.011	ng	99
70) Pentachlorophenol	16.928	266	2809408	98.928	ng	99
71) Phenanthrene	17.316	178	9141535	43.680	ng	100
72) Anthracene	17.410	178	9312535	45.668	ng	99
73) Carbazole	17.675	167	8277994	41.360	ng	100
74) Di-n-butylphthalate	18.239	149	9663421	44.131	ng	100
75) Fluoranthene	19.280	202	10445732	43.393	ng	100
77) Benzidine	19.457	184	5931144	57.344	ng	99
78) Pyrene	19.633	202	10592687	47.295	ng	100
80) Butylbenzylphthalate	20.510	149	4130379	46.236	ng	98
81) Benzo(a)anthracene	21.339	228	9742045	43.619	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	2684187	32.686	ng	100
83) Chrysene	21.392	228	9327022	44.660	ng	99
84) Bis(2-ethylhexyl)phtha...	21.274	149	6105357	45.243	ng	99
85) Di-n-octyl phthalate	22.210	149	10023316	47.986	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	9040634	44.759	ng	100
88) Benzo(b)fluoranthene	23.045	252	9513111	49.194	ng	100
89) Benzo(k)fluoranthene	23.092	252	8976131	46.692	ng	99
90) Benzo(a)pyrene	23.674	252	8680036	55.678	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	7744655	45.451	ng	99
92) Benzo(g,h,i)perylene	27.086	276	7304308	45.843	ng	100

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

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