Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008605.D
Acq On : 30 Dec 2021 12:10
Operator : CG/JU
Sample : PB141550BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 14:07:43 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 :
PB141550BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	728584	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	3001738	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	2052277	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	4261011	20.000	ng	0.00
76) Chrysene-d12	21.357	240	3845336	20.000	ng	0.00
86) Perylene-d12	23.774	264	3722431	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	5589413	140.027	ng	0.00
7) Phenol-d6	7.064	99	6956315	125.203	ng	0.00
23) Nitrobenzene-d5	9.052	82	4058815	80.438	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	3634803	130.906	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	11110937	78.438	ng	0.00
79) Terphenyl-d14	19.828	244	13868591	73.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	523868	32.487	ng	100
3) Pyridine	3.770	79	1308902	29.756	ng	99
4) n-Nitrosodimethylamine	3.681	42	609071	42.882	ng	98
6) Aniline	7.222	93	1831678	28.365	ng	100
8) 2-Chlorophenol	7.458	128	2223154	47.281	ng	100
9) Benzaldehyde	7.028	77	1231298	38.938	ng	100
10) Phenol	7.093	94	2647257	47.197	ng	99
11) bis(2-Chloroethyl)ether	7.316	93	1906918	42.154	ng	99
12) 1,3-Dichlorobenzene	7.787	146	2281984	41.461	ng	99
13) 1,4-Dichlorobenzene	7.928	146	2332607	41.666	ng	99
14) 1,2-Dichlorobenzene	8.252	146	2274976	41.596	ng	99
15) Benzyl Alcohol	8.134	79	1740850	43.744	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2042152	39.672	ng	100
17) 2-Methylphenol	8.340	107	1806465	46.282	ng	100
18) Hexachloroethane	8.981	117	767238	42.036	ng	97
19) n-Nitroso-di-n-propyla...	8.711	70	1388345	39.130	ng	99
20) 3+4-Methylphenols	8.669	107	2444879	44.586	ng	100
22) Acetophenone	8.716	105	3025152	42.028	ng	99
24) Nitrobenzene	9.093	77	2090011	43.490	ng	100
25) Isophorone	9.628	82	3868309	41.038	ng	99
26) 2-Nitrophenol	9.805	139	1115416	48.868	ng	99
27) 2,4-Dimethylphenol	9.875	122	2063853	50.110	ng	99
28) bis(2-Chloroethoxy)met...	10.110	93	2567382	39.340	ng	99
29) 2,4-Dichlorophenol	10.346	162	2315079	46.442	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	2420080	41.171	ng	99
31) Naphthalene	10.746	128	6460447	41.465	ng	99
32) Benzoic acid	10.028	122	1295074	49.783	ng	99
33) 4-Chloroaniline	10.852	127	528968	7.918	ng	99
34) Hexachlorobutadiene	11.046	225	1438392	40.308	ng	100
35) Caprolactam	11.640	113	691109m	42.180	ng	
36) 4-Chloro-3-methylphenol	11.981	107	2159772	43.344	ng	98
37) 2-Methylnaphthalene	12.357	142	4939733	42.121	ng	100
38) 1-Methylnaphthalene	12.575	142	4573419	39.887	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	2862254	44.270	ng	100
41) Hexachlorocyclopentadiene	12.716	237	3610668	105.018	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	1899069	45.145	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	2090674	45.012	ng	100
46) 1,1'-Biphenyl	13.363	154	6480004	42.689	ng	99
47) 2-Chloronaphthalene	13.404	162	4970169	41.778	ng	100
48) 2-Nitroaniline	13.599	65	1165580	44.694	ng	96
49) Acenaphthylene	14.246	152	7755141	42.439	ng	99
50) Dimethylphthalate	13.987	163	6328575	40.037	ng	99
51) 2,6-Dinitrotoluene	14.098	165	1459267	44.990	ng	96
52) Acenaphthene	14.593	154	5348318m	44.733	ng	
53) 3-Nitroaniline	14.422	138	507456	15.032	ng	99
54) 2,4-Dinitrophenol	14.628	184	1330662	92.109	ng	99
55) Dibenzofuran	14.928	168	7635631	39.837	ng	99
56) 4-Nitrophenol	14.734	139	2397250	90.178	ng	98
57) 2,4-Dinitrotoluene	14.887	165	1981666	45.789	ng	99
58) Fluorene	15.575	166	6013040	40.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1811117m	43.525	ng	
60) Diethylphthalate	15.357	149	6038116	39.079	ng	99
61) 4-Chlorophenyl-phenyle...	15.569	204	3285734	39.490	ng	99
62) 4-Nitroaniline	15.587	138	1305520	38.079	ng	99
63) Azobenzene	15.863	77	4874353	39.088	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	877783	40.968	ng	100
66) n-Nitrosodiphenylamine	15.787	169	5502656	42.790	ng	100
67) 4-Bromophenyl-phenylether	16.463	248	1974631	42.352	ng	99
68) Hexachlorobenzene	16.587	284	2501263	43.703	ng	98
69) Atrazine	16.740	200	2021135	42.017	ng	98
70) Pentachlorophenol	16.928	266	3006958	96.462	ng	99
71) Phenanthrene	17.322	178	9654419	42.026	ng	100
72) Anthracene	17.410	178	9726268	43.452	ng	99
73) Carbazole	17.675	167	8725750	39.717	ng	100
74) Di-n-butylphthalate	18.234	149	9878521	41.099	ng	100
75) Fluoranthene	19.281	202	11083782	41.946	ng	99
77) Benzidine	19.451	184	4028154	34.868	ng	99
78) Pyrene	19.633	202	11211407	44.817	ng	99
80) Butylbenzylphthalate	20.510	149	4291193	43.007	ng	97
81) Benzo(a)anthracene	21.339	228	10455614	41.912	ng	100
82) 3,3'-Dichlorobenzidine	21.269	252	2249669	24.526	ng	100
83) Chrysene	21.392	228	9908346	42.477	ng	100
84) Bis(2-ethylhexyl)phtha...	21.275	149	6163845	40.894	ng	99
85) Di-n-octyl phthalate	22.210	149	10310039	44.191	ng	99
87) Indeno(1,2,3-cd)pyrene	26.310	276	10995891	43.977	ng	99
88) Benzo(b)fluoranthene	23.039	252	11049286	46.156	ng	99
89) Benzo(k)fluoranthene	23.092	252	10058175	42.265	ng	99
90) Benzo(a)pyrene	23.674	252	10194317	52.824	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	9407800	44.601	ng	100
92) Benzo(g,h,i)perylene	27.086	276	8872319	44.982	ng	100

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

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