Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008052.D
Acq On : 19 Nov 2021 23:39
Operator : CG/JU
Sample : PB140896BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB140896BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 20 02:00:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	181182	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	730714	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	483361	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1001549	20.000	ng		0.00
76) Chrysene-d12	21.316	240	829691	20.000	ng		0.00
86) Perylene-d12	23.704	264	698613	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1403171	132.374	ng		0.00
7) Phenol-d6	7.010	99	1823138	124.078	ng		0.00
23) Nitrobenzene-d5	8.987	82	1227631	76.215	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	676668	110.620	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	2461938	79.754	ng		0.00
79) Terphenyl-d14	19.786	244	3493343	82.780	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	154594	31.163	ng		100
3) Pyridine	3.722	79	398405	28.052	ng		99
4) n-Nitrosodimethylamine	3.628	42	256744	40.350	ng		99
6) Aniline	7.158	93	825518	44.506	ng		99
8) 2-Chlorophenol	7.393	128	528960	44.452	ng		98
9) Benzaldehyde	6.963	77	362260	40.850	ng		99
10) Phenol	7.034	94	718715	45.664	ng		99
11) bis(2-Chloroethyl)ether	7.252	93	548788	40.941	ng		98
12) 1,3-Dichlorobenzene	7.716	146	547192	40.058	ng		98
13) 1,4-Dichlorobenzene	7.863	146	556853	40.164	ng		99
14) 1,2-Dichlorobenzene	8.175	146	537980	40.438	ng		100
15) Benzyl Alcohol	8.069	79	559816	44.130	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	850501	40.710	ng		99
17) 2-Methylphenol	8.275	107	470282	45.351	ng		98
18) Hexachloroethane	8.904	117	213206	43.182	ng		99
19) n-Nitroso-di-n-propyla...	8.640	70	437918	40.227	ng		100
20) 3+4-Methylphenols	8.604	107	635118	44.182	ng		99
22) Acetophenone	8.652	105	778944	38.423	ng	#	99
24) Nitrobenzene	9.028	77	663384	42.016	ng		99
25) Isophorone	9.563	82	1172203	41.341	ng		100
26) 2-Nitrophenol	9.740	139	285220	42.443	ng		98
27) 2,4-Dimethylphenol	9.804	122	491778	48.557	ng		99
28) bis(2-Chloroethoxy)met...	10.040	93	724845	39.932	ng		99
29) 2,4-Dichlorophenol	10.275	162	527350	43.192	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	555657	40.023	ng		99
31) Naphthalene	10.675	128	1516330	40.846	ng		100
32) Benzoic acid	9.987	122	368912	42.489	ng		100
33) 4-Chloroaniline	10.787	127	509980	32.361	ng		100
34) Hexachlorobutadiene	10.963	225	371936	39.592	ng		99
35) Caprolactam	11.593	113	169192m	61.732	ng		
36) 4-Chloro-3-methylphenol	11.922	107	582057	41.301	ng		99
37) 2-Methylnaphthalene	12.287	142	1120226	40.877	ng		98
38) 1-Methylnaphthalene	12.504	142	1031845	38.447	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	629199	40.573	ng		99
41) Hexachlorocyclopentadiene	12.640	237	806713	114.495	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	442531	41.424	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	480334	41.678	ng	96
46) 1,1'-Biphenyl	13.298	154	1404056	39.117	ng	99
47) 2-Chloronaphthalene	13.340	162	1122193	41.024	ng	100
48) 2-Nitroaniline	13.545	65	413783	42.215	ng	99
49) Acenaphthylene	14.187	152	1774283	41.752	ng	100
50) Dimethylphthalate	13.934	163	1456106	39.783	ng	99
51) 2,6-Dinitrotoluene	14.045	165	327547	42.715	ng	100
52) Acenaphthene	14.528	154	1035777	39.771	ng	99
53) 3-Nitroaniline	14.375	138	260606	32.525	ng	97
54) 2,4-Dinitrophenol	14.587	184	387130	80.907	ng	97
55) Dibenzofuran	14.863	168	1695911	37.822	ng	99
56) 4-Nitrophenol	14.698	139	508765	79.209	ng	98
57) 2,4-Dinitrotoluene	14.839	165	446534	42.116	ng	98
58) Fluorene	15.516	166	1270156	42.481	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	411913m	39.733	ng	
60) Diethylphthalate	15.298	149	1441758	38.396	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	693573	41.596	ng	99
62) 4-Nitroaniline	15.545	138	316863	38.428	ng	98
63) Azobenzene	15.804	77	1501097	38.337	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	257081	38.006	ng	98
66) n-Nitrosodiphenylamine	15.728	169	1200941	42.260	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	457287	41.614	ng	100
68) Hexachlorobenzene	16.528	284	494556	42.115	ng	99
69) Atrazine	16.692	200	479249	65.971	ng	99
70) Pentachlorophenol	16.875	266	605007	80.128	ng	99
71) Phenanthrene	17.263	178	2137856	39.616	ng	100
72) Anthracene	17.357	178	2176984	40.747	ng	100
73) Carbazole	17.628	167	1930472	35.583	ng	100
74) Di-n-butylphthalate	18.186	149	2422299	40.970	ng	99
75) Fluoranthene	19.233	202	2513611	36.139	ng	100
77) Benzidine	19.416	184	1501341	103.912	ng	100
78) Pyrene	19.586	202	2567611	45.572	ng	100
80) Butylbenzylphthalate	20.463	149	1053396	44.747	ng	97
81) Benzo(a)anthracene	21.298	228	2283463	41.038	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	663880	28.238	ng	99
83) Chrysene	21.351	228	2232231	42.277	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1435406	45.074	ng	99
85) Di-n-octyl phthalate	22.151	149	2572968	44.091	ng	100
87) Indeno(1,2,3-cd)pyrene	26.198	276	1894638	39.083	ng	99
88) Benzo(b)fluoranthene	22.980	252	2123779	48.622	ng	100
89) Benzo(k)fluoranthene	23.027	252	1920191	44.184	ng	100
90) Benzo(a)pyrene	23.604	252	1880567	51.371	ng	100
91) Dibenzo(a,h)anthracene	26.215	278	1616749	40.065	ng	99
92) Benzo(g,h,i)perylene	26.968	276	1625816	41.128	ng	100

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

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