Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008451.D
Acq On : 16 Dec 2021 14:11
Operator : CG/JU
Sample : PB141458BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 16 15:50:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141458BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	73303	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	267943	20.000	ng		-0.01
39) Acenaphthene-d10	14.387	164	165414	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	303452	20.000	ng		# 0.00
76) Chrysene-d12	21.269	240	221375	20.000	ng		0.00
86) Perylene-d12	23.639	264	251158	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	594908	128.167	ng		0.00
7) Phenol-d6	6.934	99	736906	118.207	ng		0.00
23) Nitrobenzene-d5	8.905	82	495697	78.375	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	282621	116.263	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1017134	78.166	ng		0.00
79) Terphenyl-d14	19.733	244	1180800	92.831	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	73063	41.599	ng		100
3) Pyridine	3.640	79	162443	29.032	ng		98
4) n-Nitrosodimethylamine	3.552	42	107327	48.603	ng	#	98
6) Aniline	7.069	93	221529	30.701	ng		95
8) 2-Chlorophenol	7.311	128	207504	43.862	ng		99
9) Benzaldehyde	6.887	77	25121	2.712	ng		96
10) Phenol	6.964	94	279215	44.106	ng		96
11) bis(2-Chloroethyl)ether	7.169	93	205875	38.981	ng		99
12) 1,3-Dichlorobenzene	7.622	146	228976	41.853	ng		99
13) 1,4-Dichlorobenzene	7.769	146	233334	41.908	ng		97
14) 1,2-Dichlorobenzene	8.081	146	222622	41.242	ng		99
15) Benzyl Alcohol	7.993	79	220080	43.887	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.269	45	308157	41.241	ng		98
17) 2-Methylphenol	8.205	107	178949	42.730	ng		96
18) Hexachloroethane	8.805	117	87814	42.515	ng		90
19) n-Nitroso-di-n-propyla...	8.552	70	171955	37.188	ng		99
20) 3+4-Methylphenols	8.540	107	239653	41.548	ng		96
22) Acetophenone	8.569	105	315820	40.080	ng	#	98
24) Nitrobenzene	8.946	77	254612	42.892	ng		98
25) Isophorone	9.475	82	433951	41.003	ng		98
26) 2-Nitrophenol	9.658	139	113418	43.234	ng		97
27) 2,4-Dimethylphenol	9.728	122	185527	49.316	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	261101	39.911	ng		99
29) 2,4-Dichlorophenol	10.210	162	200193	43.303	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	226357	41.303	ng		96
31) Naphthalene	10.581	128	582902	41.485	ng		99
32) Benzoic acid	9.952	122	119758	43.425	ng		99
33) 4-Chloroaniline	10.716	127	81181	14.422	ng		98
34) Hexachlorobutadiene	10.863	225	163633	40.846	ng		97
35) Caprolactam	11.534	113	55697m	63.622	ng		
36) 4-Chloro-3-methylphenol	11.863	107	216424	41.896	ng		96
37) 2-Methylnaphthalene	12.199	142	419804	43.349	ng		98
38) 1-Methylnaphthalene	12.422	142	388114	41.165	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	264170	41.801	ng		99
41) Hexachlorocyclopentadiene	12.546	237	162033	91.279	ng		99
43) 2,4,6-Trichlorophenol	12.834	196	163267	41.121	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	171891	41.510	ng		98
46) 1,1'-Biphenyl	13.216	154	524769	41.062	ng		98
47) 2-Chloronaphthalene	13.263	162	421790	41.379	ng		99
48) 2-Nitroaniline	13.487	65	142474	41.557	ng		94
49) Acenaphthylene	14.110	152	633283	42.262	ng		99
50) Dimethylphthalate	13.857	163	513451	40.997	ng		99
51) 2,6-Dinitrotoluene	13.981	165	114765	43.896	ng		99
52) Acenaphthene	14.457	154	374526	42.021	ng		99
53) 3-Nitroaniline	14.322	138	60009	24.363	ng		99
54) 2,4-Dinitrophenol	14.551	184	122218	89.550	ng		93
55) Dibenzofuran	14.793	168	603771	39.818	ng		98
56) 4-Nitrophenol	14.675	139	123532	86.398	ng		89
57) 2,4-Dinitrotoluene	14.787	165	150271	43.021	ng	#	85
58) Fluorene	15.445	166	479297	40.774	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	144776	40.931	ng		92
60) Diethylphthalate	15.228	149	484906	40.797	ng		99
61) 4-Chlorophenyl-phenyle...	15.440	204	265755	39.567	ng		98
62) 4-Nitroaniline	15.493	138	82632	37.258	ng		94
63) Azobenzene	15.734	77	489613	40.633	ng		97
65) 4,6-Dinitro-2-methylph...	15.563	198	81917	41.317	ng		96
66) n-Nitrosodiphenylamine	15.663	169	410247	42.939	ng		100
67) 4-Bromophenyl-phenylether	16.340	248	168196	42.555	ng		98
68) Hexachlorobenzene	16.463	284	187315	43.034	ng		96
69) Atrazine	16.628	200	148274	70.447	ng		98
70) Pentachlorophenol	16.822	266	184020	94.598	ng		99
71) Phenanthrene	17.198	178	696563	42.376	ng		99
72) Anthracene	17.292	178	712036	43.905	ng		99
73) Carbazole	17.575	167	574989	38.744	ng		99
74) Di-n-butylphthalate	18.122	149	700734	41.155	ng		99
75) Fluoranthene	19.181	202	749702	40.397	ng		97
77) Benzidine	19.375	184	192569	85.757	ng		98
78) Pyrene	19.533	202	737557	46.567	ng		100
80) Butylbenzylphthalate	20.410	149	254301	44.099	ng		100
81) Benzo(a)anthracene	21.251	228	620935	41.853	ng		100
82) 3,3'-Dichlorobenzidine	21.186	252	177628	26.022	ng		98
83) Chrysene	21.304	228	618856	43.669	ng		99
84) Bis(2-ethylhexyl)phtha...	21.175	149	346324	42.655	ng		99
85) Di-n-octyl phthalate	22.086	149	572039	40.850	ng		100
87) Indeno(1,2,3-cd)pyrene	26.116	276	1055662	53.397	ng		96
88) Benzo(b)fluoranthene	22.916	252	674112	44.619	ng		99
89) Benzo(k)fluoranthene	22.963	252	658443m	43.217	ng		
90) Benzo(a)pyrene	23.533	252	688773	52.525	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	899734	54.365	ng		98
92) Benzo(g,h,i)perylene	26.868	276	923758	56.366	ng		95

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

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