Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007018.D
Acq On : 17 Sep 2021 09:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 10:56:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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9/20/2021 4:21:21 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	293270	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1134515	20.000	ng	#	0.00
39) Acenaphthene-d10	14.540	164	723174	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	1510843	20.000	ng	#	0.00
76) Chrysene-d12	21.369	240	1550351	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1583246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1362568	75.868	ng		0.00
7) Phenol-d6	7.069	99	1886721	76.967	ng		0.00
23) Nitrobenzene-d5	9.069	82	1590145	78.721	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	703910	80.937	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3928224	74.988	ng		0.00
79) Terphenyl-d14	19.839	244	6235883	77.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	284314	36.153	ng	#	87
3) Pyridine	3.775	79	786309	38.887	ng	#	86
4) n-Nitrosodimethylamine	3.687	42	285789	38.474	ng	#	82
6) Aniline	7.234	93	1030637	39.019	ng		99
8) 2-Chlorophenol	7.469	128	767093	38.108	ng		97
9) Benzaldehyde	7.046	77	474458m	42.135	ng		
10) Phenol	7.099	94	945918	38.279	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	727221	38.179	ng		94
12) 1,3-Dichlorobenzene	7.799	146	834808	37.014	ng		96
13) 1,4-Dichlorobenzene	7.946	146	846142	37.002	ng		98
14) 1,2-Dichlorobenzene	8.263	146	816623	37.294	ng		98
15) Benzyl Alcohol	8.152	79	626348	39.616	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	867632	38.964	ng		88
17) 2-Methylphenol	8.352	107	614338	38.703	ng		93
18) Hexachloroethane	8.993	117	287357	37.837	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	541307	40.221	ng		99
20) 3+4-Methylphenols	8.681	107	838365	39.021	ng		95
22) Acetophenone	8.734	105	1098153	38.379	ng	#	99
24) Nitrobenzene	9.110	77	818343	38.833	ng		99
25) Isophorone	9.640	82	1503353	40.262	ng		99
26) 2-Nitrophenol	9.822	139	377673	41.336	ng	#	90
27) 2,4-Dimethylphenol	9.881	122	628967	39.121	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	876429	38.685	ng		99
29) 2,4-Dichlorophenol	10.357	162	722222	39.320	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	782891	37.483	ng		97
31) Naphthalene	10.757	128	2369196	37.688	ng		99
32) Benzoic acid	10.010	122	473661	40.643	ng		96
33) 4-Chloroaniline	10.869	127	959529	39.312	ng		98
34) Hexachlorobutadiene	11.051	225	460576	37.445	ng		99
35) Caprolactam	11.657	113	222095	43.943	ng	#	72
36) 4-Chloro-3-methylphenol	11.987	107	743063	40.102	ng		99
37) 2-Methylnaphthalene	12.369	142	1707772	38.320	ng		95
38) 1-Methylnaphthalene	12.587	142	1613556	38.343	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	847296	36.817	ng		98
41) Hexachlorocyclopentadiene	12.716	237	413120	36.137	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	586495	39.422	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	641811	39.154	ng		96
46) 1,1'-Biphenyl	13.375	154	2105983	37.333	ng		99
47) 2-Chloronaphthalene	13.416	162	1664774	37.456	ng		98
48) 2-Nitroaniline	13.616	65	432487	42.467	ng		99
49) Acenaphthylene	14.257	152	2602435	38.639	ng		100
50) Dimethylphthalate	13.998	163	2043685	38.719	ng		100
51) 2,6-Dinitrotoluene	14.116	165	461184	40.148	ng		93
52) Acenaphthene	14.604	154	1613752	37.855	ng		100
53) 3-Nitroaniline	14.440	138	475958	41.450	ng		100
54) 2,4-Dinitrophenol	14.645	184	250811	41.177	ng		93
55) Dibenzofuran	14.934	168	2593917	37.567	ng		97
56) 4-Nitrophenol	14.740	139	418783	42.973	ng	#	84
57) 2,4-Dinitrotoluene	14.898	165	618462	42.066	ng		97
58) Fluorene	15.587	166	2063908	38.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	565229m	40.090	ng		
60) Diethylphthalate	15.363	149	2013132	39.657	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	1019675	37.723	ng		93
62) 4-Nitroaniline	15.604	138	491092	42.545	ng	#	79
63) Azobenzene	15.869	77	1880159	39.993	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	368103	40.177	ng		93
66) n-Nitrosodiphenylamine	15.792	169	1829367	38.046	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	623155	37.312	ng		95
68) Hexachlorobenzene	16.586	284	703324	37.460	ng		98
69) Atrazine	16.745	200	602406	42.134	ng		98
70) Pentachlorophenol	16.933	266	474688	42.100	ng		100
71) Phenanthrene	17.328	178	3304424	37.701	ng		99
72) Anthracene	17.416	178	3227249	38.484	ng		99
73) Carbazole	17.686	167	3179060	38.860	ng		99
74) Di-n-butylphthalate	18.239	149	3480719	41.602	ng		99
75) Fluoranthene	19.292	202	3947610	39.103	ng		97
77) Benzidine	19.469	184	1421429	41.192	ng		99
78) Pyrene	19.645	202	4133593	38.476	ng		99
80) Butylbenzylphthalate	20.516	149	1569712	41.735	ng		98
81) Benzo(a)anthracene	21.351	228	4034602	38.297	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1245233	41.569	ng	#	98
83) Chrysene	21.404	228	3937923	38.093	ng		98
84) Bis(2-ethylhexyl)phtha...	21.280	149	2321664	41.993	ng		98
85) Di-n-octyl phthalate	22.204	149	3885516	43.000	ng		98
87) Indeno(1,2,3-cd)pyrene	26.309	276	4612427	38.387	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	4178017	38.852	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	3984092	38.064	ng	#	98
90) Benzo(a)pyrene	23.674	252	3758028	38.969	ng	#	98
91) Dibenzo(a,h)anthracene	26.333	278	3971321	38.207	ng	#	96
92) Benzo(g,h,i)perylene	27.086	276	3832860	38.222	ng	#	94

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

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