Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111721\
Data File : BP008001.D
Acq On : 17 Nov 2021 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Nov 17 10:39:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	153197	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	551513	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	384796	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	836531	20.000	ng	#	0.00
76) Chrysene-d12	21.327	240	999031	20.000	ng	#	0.00
86) Perylene-d12	23.727	264	1171680	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	704226	74.572	ng		0.00
7) Phenol-d6	7.016	99	961596	76.540	ng		0.00
23) Nitrobenzene-d5	8.999	82	924725	89.727	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	524005	86.551	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2180997	79.505	ng		0.00
79) Terphenyl-d14	19.798	244	4003754	81.263	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	138910	34.951	ng		97
3) Pyridine	3.728	79	419337	36.783	ng		96
4) n-Nitrosodimethylamine	3.640	42	166265	39.484	ng	#	93
6) Aniline	7.169	93	564903	39.819	ng		98
8) 2-Chlorophenol	7.405	128	392635	39.326	ng		97
9) Benzaldehyde	6.975	77	271841	38.976	ng		97
10) Phenol	7.040	94	486280	39.895	ng		95
11) bis(2-Chloroethyl)ether	7.263	93	374041	37.341	ng		96
12) 1,3-Dichlorobenzene	7.728	146	439437	39.140	ng		98
13) 1,4-Dichlorobenzene	7.869	146	449387	39.370	ng		99
14) 1,2-Dichlorobenzene	8.187	146	435076	37.747	ng		99
15) Benzyl Alcohol	8.081	79	384792	40.493	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	430498	40.685	ng		96
17) 2-Methylphenol	8.287	107	332438	39.603	ng		99
18) Hexachloroethane	8.916	117	155402	40.149	ng	#	88
19) n-Nitroso-di-n-propyla...	8.652	70	300077	38.369	ng		94
20) 3+4-Methylphenols	8.616	107	468910	40.310	ng		98
22) Acetophenone	8.663	105	618014	44.055	ng	#	97
24) Nitrobenzene	9.040	77	437146	44.382	ng		97
25) Isophorone	9.575	82	795818	44.395	ng		98
26) 2-Nitrophenol	9.752	139	228660	45.473	ng		95
27) 2,4-Dimethylphenol	9.816	122	326204	43.918	ng		94
28) bis(2-Chloroethoxy)met...	10.052	93	501025	42.122	ng		98
29) 2,4-Dichlorophenol	10.287	162	387883	42.421	ng		99
30) 1,2,4-Trichlorobenzene	10.499	180	434776	41.557	ng		98
31) Naphthalene	10.687	128	1144508	40.638	ng		99
32) Benzoic acid	9.987	122	288093	44.883	ng		92
33) 4-Chloroaniline	10.799	127	491505	40.632	ng		98
34) Hexachlorobutadiene	10.975	225	308497	43.155	ng		99
35) Caprolactam	11.598	113	81453	40.563	ng		92
36) 4-Chloro-3-methylphenol	11.928	107	429250	41.546	ng		98
37) 2-Methylnaphthalene	12.298	142	832249	40.438	ng		98
38) 1-Methylnaphthalene	12.516	142	813758	40.538	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	523127	40.803	ng		99
41) Hexachlorocyclopentadiene	12.651	237	264601	42.403	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	356653	40.708	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	385332	40.480	ng		98
46) 1,1'-Biphenyl	13.310	154	1125741	39.170	ng		97
47) 2-Chloronaphthalene	13.351	162	891851	39.668	ng		98
48) 2-Nitroaniline	13.557	65	268491	42.076	ng		99
49) Acenaphthylene	14.198	152	1374764	40.198	ng		99
50) Dimethylphthalate	13.940	163	1191723	39.145	ng		100
51) 2,6-Dinitrotoluene	14.057	165	253568	40.093	ng		97
52) Acenaphthene	14.540	154	815182	39.820	ng		99
53) 3-Nitroaniline	14.387	138	262588	40.720	ng		99
54) 2,4-Dinitrophenol	14.592	184	163355	42.799	ng	#	86
55) Dibenzofuran	14.875	168	1407764	40.438	ng		97
56) 4-Nitrophenol	14.698	139	213244	40.576	ng	#	83
57) 2,4-Dinitrotoluene	14.845	165	353944	42.042	ng		93
58) Fluorene	15.528	166	1084751	39.163	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	360747	41.608	ng		94
60) Diethylphthalate	15.310	149	1192958	40.654	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	611673	40.832	ng		99
62) 4-Nitroaniline	15.551	138	277475	41.869	ng		87
63) Azobenzene	15.816	77	1017790	41.198	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	243436	44.402	ng		92
66) n-Nitrosodiphenylamine	15.739	169	978477	40.864	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	411441	42.053	ng		98
68) Hexachlorobenzene	16.539	284	469899	42.644	ng		93
69) Atrazine	16.698	200	258349	41.384	ng		98
70) Pentachlorophenol	16.886	266	304430	45.306	ng		99
71) Phenanthrene	17.275	178	1801732	40.428	ng		100
72) Anthracene	17.369	178	1789743	40.965	ng		100
73) Carbazole	17.639	167	1739942	40.441	ng		99
74) Di-n-butylphthalate	18.198	149	2032728	41.748	ng		100
75) Fluoranthene	19.245	202	2290481	40.591	ng		97
77) Benzidine	19.427	184	600582	39.181	ng		99
78) Pyrene	19.598	202	2385319	39.926	ng		99
80) Butylbenzylphthalate	20.474	149	994929	40.333	ng		98
81) Benzo(a)anthracene	21.310	228	2640459	40.147	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	1247480	41.093	ng	#	99
83) Chrysene	21.369	228	2523041	40.023	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	1454286	41.291	ng	#	98
85) Di-n-octyl phthalate	22.169	149	2668199	41.108	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	3448284	40.762	ng	#	93
88) Benzo(b)fluoranthene	22.998	252	2766448	39.665	ng	#	98
89) Benzo(k)fluoranthene	23.051	252	2798915	40.172	ng	#	98
90) Benzo(a)pyrene	23.627	252	2403668	40.294	ng	#	97
91) Dibenzo(a,h)anthracene	26.262	278	2882920	41.082	ng	#	96
92) Benzo(g,h,i)perylene	27.015	276	2832848	40.952	ng	#	94

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

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