Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
Data File : BP009692.D
Acq On : 05 Apr 2022 11:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 13:40:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 13:35:48 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/06/2022
Supervised By :Jagrut Upadhyay

04/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	305325	20.000	ng		0.00
21) Naphthalene-d8	10.516	136	1199248	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	694006	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1187289	20.000	ng		0.00
76) Chrysene-d12	21.257	240	894959	20.000	ng		0.00
86) Perylene-d12	23.627	264	977225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1447996	82.800	ng		0.00
7) Phenol-d6	6.916	99	1974849	83.504	ng		0.00
23) Nitrobenzene-d5	8.887	82	1871195	82.915	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	668004	58.329	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	4058682	81.073	ng		0.00
79) Terphenyl-d14	19.722	244	4022355	80.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	295809	42.706	ng		99
3) Pyridine	3.652	79	826894	44.325	ng		99
4) n-Nitrosodimethylamine	3.564	42	314400	45.761	ng		96
6) Aniline	7.058	93	1121783	41.618	ng		98
8) 2-Chlorophenol	7.299	128	807006	40.469	ng		99
9) Benzaldehyde	6.875	77	501945m	45.454	ng		
10) Phenol	6.946	94	990886	41.763	ng		99
11) bis(2-Chloroethyl)ether	7.158	93	787330	41.930	ng		98
12) 1,3-Dichlorobenzene	7.611	146	891700	39.619	ng		99
13) 1,4-Dichlorobenzene	7.758	146	912882	39.670	ng		100
14) 1,2-Dichlorobenzene	8.075	146	877640	39.459	ng		99
15) Benzyl Alcohol	7.975	79	747317m	39.633	ng		
16) 2,2'-oxybis(1-Chloropr...	8.258	45	941482	46.254	ng		97
17) 2-Methylphenol	8.187	107	664002	40.611	ng		99
18) Hexachloroethane	8.793	117	322697	40.014	ng		96
19) n-Nitroso-di-n-propyla...	8.540	70	615459	41.144	ng		99
20) 3+4-Methylphenols	8.516	107	910984	40.521	ng		98
22) Acetophenone	8.552	105	1203607	40.550	ng	#	98
24) Nitrobenzene	8.928	77	892953	41.886	ng		99
25) Isophorone	9.457	82	1568070	40.735	ng		99
26) 2-Nitrophenol	9.640	139	446470	40.179	ng		98
27) 2,4-Dimethylphenol	9.710	122	633534	40.404	ng		100
28) bis(2-Chloroethoxy)met...	9.934	93	1036894	41.370	ng		99
29) 2,4-Dichlorophenol	10.181	162	747347	39.074	ng		100
30) 1,2,4-Trichlorobenzene	10.381	180	855061	38.587	ng		100
31) Naphthalene	10.563	128	2441013	39.516	ng		100
32) Benzoic acid	9.916	122	457467	37.316	ng		96
33) 4-Chloroaniline	10.687	127	968695	38.429	ng		99
34) Hexachlorobutadiene	10.852	225	553010	36.832	ng		100
35) Caprolactam	11.493	113	218252	33.812	ng		98
36) 4-Chloro-3-methylphenol	11.840	107	753790	36.677	ng		99
37) 2-Methylnaphthalene	12.187	142	1668373	38.493	ng		99
38) 1-Methylnaphthalene	12.404	142	1612312	38.186	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	923906	40.124	ng		99
41) Hexachlorocyclopentadiene	12.534	237	205662	25.937	ng		100
43) 2,4,6-Trichlorophenol	12.810	196	600040	39.315	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	628994	37.951	ng		99
46) 1,1'-Biphenyl	13.204	154	2131056	41.161	ng		99
47) 2-Chloronaphthalene	13.246	162	1652547	40.542	ng		100
48) 2-Nitroaniline	13.463	65	453405	40.841	ng		97
49) Acenaphthylene	14.093	152	2504745	39.806	ng		100
50) Dimethylphthalate	13.840	163	1932637	36.752	ng		100
51) 2,6-Dinitrotoluene	13.963	165	405637	36.816	ng		99
52) Acenaphthene	14.440	154	1482714	39.446	ng		100
53) 3-Nitroaniline	14.298	138	419295	36.029	ng		95
54) 2,4-Dinitrophenol	14.528	184	168227	27.712	ng		94
55) Dibenzofuran	14.775	168	2404046	38.070	ng		98
56) 4-Nitrophenol	14.645	139	403197	46.479	ng		98
57) 2,4-Dinitrotoluene	14.763	165	513399	33.888	ng	#	89
58) Fluorene	15.428	166	1826045	36.768	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	509588	33.915	ng		96
60) Diethylphthalate	15.210	149	1817356	34.530	ng		100
61) 4-Chlorophenyl-phenyle...	15.428	204	975980	35.674	ng		97
62) 4-Nitroaniline	15.469	138	383529m	31.380	ng		
63) Azobenzene	15.722	77	1833424	40.045	ng		99
65) 4,6-Dinitro-2-methylph...	15.540	198	295507	38.706	ng		98
66) n-Nitrosodiphenylamine	15.645	169	1554451	44.242	ng		98
67) 4-Bromophenyl-phenylether	16.328	248	585309	40.287	ng		95
68) Hexachlorobenzene	16.451	284	636505	38.067	ng		98
69) Atrazine	16.610	200	453859	36.740	ng		99
70) Pentachlorophenol	16.804	266	358499	40.109	ng		99
71) Phenanthrene	17.181	178	2566806	40.387	ng		100
72) Anthracene	17.275	178	2517888	40.126	ng		99
73) Carbazole	17.557	167	2298407	37.453	ng		100
74) Di-n-butylphthalate	18.110	149	2507250	34.865	ng		100
75) Fluoranthene	19.169	202	2567771	33.372	ng		98
77) Benzidine	19.357	184	647399	29.512	ng		100
78) Pyrene	19.522	202	2581124	43.767	ng		99
80) Butylbenzylphthalate	20.404	149	940595	37.524	ng		98
81) Benzo(a)anthracene	21.245	228	2313419	39.345	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	825147	36.327	ng		99
83) Chrysene	21.298	228	2222797	39.923	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	1280891	36.661	ng		99
85) Di-n-octyl phthalate	22.086	149	2155796	35.797	ng		100
87) Indeno(1,2,3-cd)pyrene	26.104	276	3180015	42.892	ng		97
88) Benzo(b)fluoranthene	22.910	252	2327365	39.895	ng		99
89) Benzo(k)fluoranthene	22.957	252	2285430	40.012	ng		99
90) Benzo(a)pyrene	23.527	252	2011073	40.292	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	2624081	42.468	ng		98
92) Benzo(g,h,i)perylene	26.862	276	2618672	43.080	ng		96

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

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