Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
Data File : BP011773.D
Acq On : 21 Sep 2022 18:34
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 22 01:36:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 01:30:01 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/22/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	314718	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1469190	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	926447	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1904115	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1843446	20.000	ng		0.00
86) Perylene-d12	23.851	264	1838686	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1790638	103.563	ng		0.00
7) Phenol-d6	7.081	99	2688314	116.639	ng		0.00
23) Nitrobenzene-d5	9.093	82	2797164	112.914	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	673189	92.999	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	5760093	96.646	ng		0.00
79) Terphenyl-d14	19.875	244	7948620	93.764	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	355524	46.691	ng		100
3) Pyridine	3.764	79	1165624m	53.099	ng		
4) n-Nitrosodimethylamine	3.675	42	494168	58.721	ng		99
6) Aniline	7.246	93	1671421	58.870	ng		100
8) 2-Chlorophenol	7.487	128	1090462	53.188	ng		97
9) Benzaldehyde	7.058	77	779844	52.860	ng		99
10) Phenol	7.111	94	1507870	58.167	ng		100
11) bis(2-Chloroethyl)ether	7.346	93	1158027	56.076	ng		99
12) 1,3-Dichlorobenzene	7.811	146	1112979	48.952	ng		99
13) 1,4-Dichlorobenzene	7.958	146	1141553	49.370	ng		100
14) 1,2-Dichlorobenzene	8.275	146	1118144	50.727	ng		99
15) Benzyl Alcohol	8.163	79	1010063	61.388	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1884817	68.331	ng		100
17) 2-Methylphenol	8.363	107	995731	59.159	ng		99
18) Hexachloroethane	9.010	117	431883	54.002	ng		98
19) n-Nitroso-di-n-propyla...	8.740	70	992583	66.514	ng		99
20) 3+4-Methylphenols	8.699	107	1413930	61.167	ng		98
22) Acetophenone	8.752	105	1818600	52.803	ng	#	99
24) Nitrobenzene	9.134	77	1440008	55.869	ng		99
25) Isophorone	9.663	82	2674015	61.020	ng		99
26) 2-Nitrophenol	9.846	139	569613	53.869	ng		99
27) 2,4-Dimethylphenol	9.905	122	963622	52.596	ng		98
28) bis(2-Chloroethoxy)met...	10.146	93	1519992	54.242	ng		99
29) 2,4-Dichlorophenol	10.381	162	1049248	51.698	ng		99
30) 1,2,4-Trichlorobenzene	10.599	180	1036128	46.113	ng		98
31) Naphthalene	10.787	128	3842471	50.398	ng		100
32) Benzoic acid	10.052	122	750801	54.762	ng		98
33) 4-Chloroaniline	10.899	127	1654886	55.324	ng		99
34) Hexachlorobutadiene	11.069	225	520095	42.019	ng		98
35) Caprolactam	11.699	113	433238	65.879	ng		97
36) 4-Chloro-3-methylphenol	12.016	107	1268117	58.099	ng		99
37) 2-Methylnaphthalene	12.393	142	2714102	53.193	ng		100
38) 1-Methylnaphthalene	12.610	142	2667686	53.477	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1056180	43.195	ng		99
41) Hexachlorocyclopentadiene	12.740	237	534680	43.809	ng		96
43) 2,4,6-Trichlorophenol	12.999	196	804401	48.364	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	909082	48.885	ng	99
46) 1,1'-Biphenyl	13.398	154	3327076	49.365	ng	98
47) 2-Chloronaphthalene	13.446	162	2594316	48.924	ng	98
48) 2-Nitroaniline	13.651	65	988298	66.459	ng	96
49) Acenaphthylene	14.293	152	4343848	52.941	ng	100
50) Dimethylphthalate	14.028	163	3407093	52.716	ng	100
51) 2,6-Dinitrotoluene	14.146	165	732343	55.877	ng	99
52) Acenaphthene	14.634	154	2665496	48.838	ng	99
53) 3-Nitroaniline	14.475	138	922013	61.005	ng	99
54) 2,4-Dinitrophenol	14.675	184	336057	52.637	ng	98
55) Dibenzofuran	14.963	168	4011830	51.044	ng	100
56) 4-Nitrophenol	14.775	139	746090	58.587	ng	99
57) 2,4-Dinitrotoluene	14.928	165	1016087	59.852	ng	100
58) Fluorene	15.616	166	3439423	53.953	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	746255m	48.847	ng	
60) Diethylphthalate	15.393	149	3566490	55.427	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	1461890	49.609	ng	100
62) 4-Nitroaniline	15.640	138	986374	64.925	ng	99
63) Azobenzene	15.904	77	3824474	61.849	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	472575	50.749	ng	99
66) n-Nitrosodiphenylamine	15.828	169	2848463	50.278	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	809808	45.431	ng	99
68) Hexachlorobenzene	16.622	284	839011	43.705	ng	98
69) Atrazine	16.781	200	858569	49.646	ng	100
70) Pentachlorophenol	16.963	266	560128	45.993	ng	98
71) Phenanthrene	17.363	178	5320886	51.356	ng	100
72) Anthracene	17.457	178	5195524	53.020	ng	100
73) Carbazole	17.728	167	5062870	54.766	ng	99
74) Di-n-butylphthalate	18.275	149	6293111	56.478	ng	99
75) Fluoranthene	19.328	202	5975184	53.473	ng	98
77) Benzidine	19.504	184	1973154	45.008	ng	100
78) Pyrene	19.675	202	6246270	50.237	ng	99
80) Butylbenzylphthalate	20.551	149	2946211	56.547	ng	95
81) Benzo(a)anthracene	21.386	228	6121212	51.517	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	1843253	51.077	ng	100
83) Chrysene	21.439	228	5735430	50.521	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	4382545	58.471	ng	99
85) Di-n-octyl phthalate	22.245	149	7397788	57.516	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	7324695	55.295	ng	99
88) Benzo(b)fluoranthene	23.104	252	6032197	53.045	ng	99
89) Benzo(k)fluoranthene	23.151	252	5839440	50.956	ng	98
90) Benzo(a)pyrene	23.739	252	5021323	53.450	ng	100
91) Dibenzo(a,h)anthracene	26.433	278	6092317	55.387	ng	99
92) Benzo(g,h,i)perylene	27.204	276	5850456	54.557	ng	100

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

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