Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
Data File : BP011771.D
Acq On : 21 Sep 2022 17:24
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 01:34:17 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 :
SSTDICC020

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	259095	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1240179	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	781860	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1615137	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1550303	20.000	ng		0.00
86) Perylene-d12	23.851	264	1534285	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	616627	43.320	ng		0.00
7) Phenol-d6	7.081	99	917958	48.378	ng		0.00
23) Nitrobenzene-d5	9.087	82	973022	46.531	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	206041	33.728	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	2060633	40.968	ng		0.00
79) Terphenyl-d14	19.874	244	2902851	40.718	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	132627	21.157	ng		99
3) Pyridine	3.769	79	405755	22.452	ng		100
4) n-Nitrosodimethylamine	3.675	42	180972	26.121	ng	#	93
6) Aniline	7.246	93	559396	23.933	ng		99
8) 2-Chlorophenol	7.481	128	377721	22.379	ng		98
9) Benzaldehyde	7.057	77	322996	26.594	ng		99
10) Phenol	7.105	94	518141	24.278	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	405539	23.854	ng		99
12) 1,3-Dichlorobenzene	7.810	146	395833	21.147	ng		99
13) 1,4-Dichlorobenzene	7.957	146	404813	21.266	ng		98
14) 1,2-Dichlorobenzene	8.275	146	397654	21.914	ng		99
15) Benzyl Alcohol	8.163	79	335197	24.746	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	693271	30.529	ng		99
17) 2-Methylphenol	8.363	107	338817	24.451	ng		99
18) Hexachloroethane	9.010	117	155280	23.584	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	340532	27.718	ng		98
20) 3+4-Methylphenols	8.693	107	475841	25.004	ng		99
22) Acetophenone	8.751	105	643086	22.120	ng	#	98
24) Nitrobenzene	9.128	77	503469	23.141	ng		99
25) Isophorone	9.657	82	917019	24.790	ng		97
26) 2-Nitrophenol	9.846	139	167101	18.721	ng		99
27) 2,4-Dimethylphenol	9.904	122	317047	20.500	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	532958	22.531	ng		99
29) 2,4-Dichlorophenol	10.375	162	337461	19.698	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	352993	18.611	ng		99
31) Naphthalene	10.781	128	1351058	20.993	ng		100
32) Benzoic acid	10.004	122	194049	16.767	ng		99
33) 4-Chloroaniline	10.893	127	554409	21.957	ng		99
34) Hexachlorobutadiene	11.069	225	178976	17.130	ng		100
35) Caprolactam	11.681	113	138133	24.884	ng		95
36) 4-Chloro-3-methylphenol	12.010	107	415177	22.534	ng		99
37) 2-Methylnaphthalene	12.392	142	931482	21.627	ng		98
38) 1-Methylnaphthalene	12.610	142	919953	21.847	ng		98
40) 1,2,4,5-Tetrachloroben...	12.757	216	350976	17.009	ng		99
41) Hexachlorocyclopentadiene	12.740	237	170588	16.562	ng		97
43) 2,4,6-Trichlorophenol	12.998	196	253257	18.043	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	292269	18.623	ng	99
46) 1,1'-Biphenyl	13.398	154	1162368	20.436	ng	99
47) 2-Chloronaphthalene	13.439	162	901355	20.141	ng	100
48) 2-Nitroaniline	13.645	65	317984	25.337	ng	99
49) Acenaphthylene	14.287	152	1499542	21.656	ng	99
50) Dimethylphthalate	14.022	163	1175686	21.554	ng	100
51) 2,6-Dinitrotoluene	14.139	165	238012	21.519	ng	94
52) Acenaphthene	14.628	154	911723	19.794	ng	99
53) 3-Nitroaniline	14.469	138	290479	22.774	ng	98
54) 2,4-Dinitrophenol	14.669	184	87988	16.330	ng	92
55) Dibenzofuran	14.963	168	1410380	21.263	ng	99
56) 4-Nitrophenol	14.769	139	229649	21.368	ng	97
57) 2,4-Dinitrotoluene	14.922	165	322147	22.485	ng	92
58) Fluorene	15.616	166	1209390	22.480	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	240737m	18.672	ng	
60) Diethylphthalate	15.386	149	1229672	22.644	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	495862	19.939	ng	99
62) 4-Nitroaniline	15.633	138	312360	24.362	ng	98
63) Azobenzene	15.904	77	1382453	26.491	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	129796	16.432	ng	95
66) n-Nitrosodiphenylamine	15.822	169	990633	20.614	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	266115	17.601	ng	98
68) Hexachlorobenzene	16.616	284	279406	17.159	ng	92
69) Atrazine	16.780	200	282527	19.260	ng	99
70) Pentachlorophenol	16.963	266	165338	16.005	ng	99
71) Phenanthrene	17.363	178	1861499	21.181	ng	100
72) Anthracene	17.451	178	1798072	21.632	ng	100
73) Carbazole	17.722	167	1778129	22.676	ng	100
74) Di-n-butylphthalate	18.275	149	2124260	22.475	ng	99
75) Fluoranthene	19.327	202	2035589	21.476	ng	98
77) Benzidine	19.504	184	584981	15.867	ng	100
78) Pyrene	19.680	202	2151388	20.575	ng	98
80) Butylbenzylphthalate	20.551	149	902463	20.596	ng	98
81) Benzo(a)anthracene	21.386	228	2115071	21.167	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	577792	19.038	ng	99
83) Chrysene	21.439	228	2001974	20.969	ng	98
84) Bis(2-ethylhexyl)phtha...	21.310	149	1377894	21.860	ng	98
85) Di-n-octyl phthalate	22.251	149	2230462	20.620	ng	98
87) Indeno(1,2,3-cd)pyrene	26.409	276	2419676	21.890	ng	99
88) Benzo(b)fluoranthene	23.098	252	1909697	20.125	ng	100
89) Benzo(k)fluoranthene	23.151	252	2019998	21.124	ng	99
90) Benzo(a)pyrene	23.739	252	1628492	20.774	ng	100
91) Dibenzo(a,h)anthracene	26.421	278	2033935	22.160	ng	99
92) Benzo(g,h,i)perylene	27.192	276	1945472	21.741	ng	99

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

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