Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
Data File : BP011770.D
Acq On : 21 Sep 2022 16:49
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 22 01:33:11 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 :
SSTDICC010

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	277451	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1297013	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	810036	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1657923	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1555553	20.000	ng		0.00
86) Perylene-d12	23.845	264	1532353	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	309365	20.296	ng		0.00
7) Phenol-d6	7.075	99	443641	21.834	ng		0.00
23) Nitrobenzene-d5	9.087	82	471562	21.563	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	90255	14.260	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	988932	18.977	ng		0.00
79) Terphenyl-d14	19.869	244	1324954	18.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	70512	10.504	ng		98
3) Pyridine	3.770	79	195101	10.081	ng		97
4) n-Nitrosodimethylamine	3.675	42	91370	12.316	ng	#	86
6) Aniline	7.246	93	271006	10.827	ng		99
8) 2-Chlorophenol	7.481	128	184354	10.200	ng		99
9) Benzaldehyde	7.058	77	169126	13.004	ng		99
10) Phenol	7.105	94	252148	11.033	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	208239	11.438	ng		98
12) 1,3-Dichlorobenzene	7.811	146	203438	10.150	ng		99
13) 1,4-Dichlorobenzene	7.958	146	207065	10.158	ng		100
14) 1,2-Dichlorobenzene	8.275	146	202270	10.409	ng		99
15) Benzyl Alcohol	8.163	79	154220	10.632	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	349668	14.379	ng		99
17) 2-Methylphenol	8.363	107	160164	10.794	ng		99
18) Hexachloroethane	9.005	117	81498	11.559	ng		91
19) n-Nitroso-di-n-propyla...	8.734	70	162637	12.362	ng		98
20) 3+4-Methylphenols	8.693	107	221987	10.893	ng		97
22) Acetophenone	8.752	105	316644	10.414	ng	#	98
24) Nitrobenzene	9.128	77	245404	10.785	ng		99
25) Isophorone	9.658	82	431254	11.147	ng		98
26) 2-Nitrophenol	9.846	139	73374	7.860	ng		98
27) 2,4-Dimethylphenol	9.905	122	149327	9.232	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	261278	10.562	ng		98
29) 2,4-Dichlorophenol	10.375	162	154023	8.596	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	172388	8.691	ng		99
31) Naphthalene	10.781	128	665322	9.885	ng		100
32) Benzoic acid	9.975	122	71435	5.902	ng		97
33) 4-Chloroaniline	10.893	127	261166	9.890	ng		98
34) Hexachlorobutadiene	11.069	225	86386	7.906	ng		99
35) Caprolactam	11.669	113	59311	10.216	ng		96
36) 4-Chloro-3-methylphenol	12.010	107	188567	9.786	ng		99
37) 2-Methylnaphthalene	12.393	142	441351	9.798	ng		99
38) 1-Methylnaphthalene	12.610	142	438097	9.948	ng		98
40) 1,2,4,5-Tetrachloroben...	12.757	216	166894	7.806	ng		99
41) Hexachlorocyclopentadiene	12.740	237	79236	7.425	ng		95
43) 2,4,6-Trichlorophenol	12.999	196	111276	7.652	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	133027	8.181	ng		96
46)	1,1'-Biphenyl	13.398	154	565675	9.599	ng		98
47)	2-Chloronaphthalene	13.440	162	433461	9.349	ng		97
48)	2-Nitroaniline	13.646	65	137311	10.561	ng		97
49)	Acenaphthylene	14.287	152	711819	9.922	ng		100
50)	Dimethylphthalate	14.022	163	556398	9.846	ng		99
51)	2,6-Dinitrotoluene	14.140	165	106943	9.332	ng		90
52)	Acenaphthene	14.628	154	438311	9.185	ng		98
53)	3-Nitroaniline	14.469	138	127560	9.653	ng	#	96
54)	2,4-Dinitrophenol	14.669	184	34949	6.261	ng		88
55)	Dibenzofuran	14.963	168	690717	10.051	ng		99
56)	4-Nitrophenol	14.769	139	91672	8.233	ng		97
57)	2,4-Dinitrotoluene	14.922	165	136727	9.211	ng		88
58)	Fluorene	15.610	166	575905	10.332	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.187	232	106383m	7.964	ng		
60)	Diethylphthalate	15.387	149	578952	10.291	ng		99
61)	4-Chlorophenyl-phenyle...	15.610	204	234337	9.095	ng		98
62)	4-Nitroaniline	15.628	138	130682	9.838	ng		91
63)	Azobenzene	15.898	77	659550	12.199	ng		97
65)	4,6-Dinitro-2-methylph...	15.687	198	52924	6.527	ng		96
66)	n-Nitrosodiphenylamine	15.822	169	464692	9.420	ng		100
67)	4-Bromophenyl-phenylether	16.504	248	120740	7.780	ng		98
68)	Hexachlorobenzene	16.616	284	131605	7.873	ng	#	90
69)	Atrazine	16.775	200	125509	8.335	ng		97
70)	Pentachlorophenol	16.963	266	67655	6.380	ng		99
71)	Phenanthrene	17.363	178	895987	9.932	ng		99
72)	Anthracene	17.451	178	835331	9.790	ng		100
73)	Carbazole	17.722	167	817072	10.151	ng		99
74)	Di-n-butylphthalate	18.275	149	940998	9.699	ng		99
75)	Fluoranthene	19.322	202	923042	9.487	ng		99
77)	Benzidine	19.504	184	267041	7.219	ng		99
78)	Pyrene	19.675	202	973956	9.283	ng		99
80)	Butylbenzylphthalate	20.545	149	371708	8.455	ng		98
81)	Benzo(a)anthracene	21.380	228	957402	9.549	ng		98
82)	3,3'-Dichlorobenzidine	21.316	252	230700	7.576	ng		99
83)	Chrysene	21.439	228	922922	9.634	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.304	149	557121	8.809	ng	#	94
85)	Di-n-octyl phthalate	22.245	149	884041	8.145	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.392	276	1050748	9.518	ng		98
88)	Benzo(b)fluoranthene	23.092	252	843779	8.903	ng		98
89)	Benzo(k)fluoranthene	23.145	252	907279	9.500	ng		99
90)	Benzo(a)pyrene	23.733	252	709595	9.063	ng		99
91)	Dibenzo(a,h)anthracene	26.415	278	879961	9.599	ng		99
92)	Benzo(g,h,i)perylene	27.180	276	850723	9.519	ng		98

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

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