Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012619.D
Acq On : 12 Nov 2022 12:42
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 22:07:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:02:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	393708	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1658560	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	1082352	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	2240616	20.000	ng	0.00
76) Chrysene-d12	21.245	240	1724730	20.000	ng	0.00
86) Perylene-d12	23.592	264	1549376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1696304	75.597	ng	0.00
7) Phenol-d6	6.910	99	2353276	70.929	ng	0.00
23) Nitrobenzene-d5	8.893	82	2424137	76.501	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1201180	164.816	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5336319	77.967	ng	0.00
79) Terphenyl-d14	19.716	244	7165849	95.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	360252	38.185	ng	100
3) Pyridine	3.605	79	1075009m	36.921	ng	
4) n-Nitrosodimethylamine	3.522	42	398557	30.954	ng	100
6) Aniline	7.058	93	1486276	36.011	ng	100
8) 2-Chlorophenol	7.287	128	1060053	38.830	ng	100
9) Benzaldehyde	6.869	77	690074	33.245	ng	100
10) Phenol	6.934	94	1323430	35.412	ng	100
11) bis(2-Chloroethyl)ether	7.157	93	1081416	36.555	ng	100
12) 1,3-Dichlorobenzene	7.605	146	1150664	40.112	ng	100
13) 1,4-Dichlorobenzene	7.752	146	1174071	39.940	ng	100
14) 1,2-Dichlorobenzene	8.069	146	1111186	38.639	ng	100
15) Benzyl Alcohol	7.975	79	899582	36.698	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1386413	28.373	ng	100
17) 2-Methylphenol	8.181	107	919313	37.530	ng	100
18) Hexachloroethane	8.787	117	431694	38.358	ng	100
19) n-Nitroso-di-n-propyla...	8.540	70	834619	34.218	ng	100
20) 3+4-Methylphenols	8.516	107	1292790	37.589	ng	100
22) Acetophenone	8.557	105	1623667	38.972	ng	100
24) Nitrobenzene	8.934	77	1243201	37.971	ng	100
25) Isophorone	9.463	82	2290981	38.538	ng	100
26) 2-Nitrophenol	9.640	139	638140	54.181	ng	100
27) 2,4-Dimethylphenol	9.710	122	901171	42.922	ng	100
28) bis(2-Chloroethoxy)met...	9.946	93	1393724	40.230	ng	100
29) 2,4-Dichlorophenol	10.181	162	1080813	48.112	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	1130944	48.348	ng	100
31) Naphthalene	10.569	128	3503624	39.846	ng	100
32) Benzoic acid	9.910	122	892380	56.303	ng	100
33) 4-Chloroaniline	10.698	127	1493938	40.751	ng	100
34) Hexachlorobutadiene	10.840	225	719950	61.023	ng	100
35) Caprolactam	11.534	113	366389	40.131	ng	100
36) 4-Chloro-3-methylphenol	11.840	107	1208696	44.332	ng	100
37) 2-Methylnaphthalene	12.187	142	2527468	41.623	ng	100
38) 1-Methylnaphthalene	12.410	142	2452617	41.015	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	1291764	52.957	ng	100
41) Hexachlorocyclopentadiene	12.522	237	627665	52.468	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	936938	53.063	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.887	196	1032964	50.898	ng	100
46)	1,1'-Biphenyl	13.210	154	3133028	39.841	ng	100
47)	2-Chloronaphthalene	13.251	162	2476218	40.596	ng	100
48)	2-Nitroaniline	13.475	65	800724	36.819	ng	100
49)	Acenaphthylene	14.104	152	3932664	38.842	ng	100
50)	Dimethylphthalate	13.851	163	3352850	42.249	ng	100
51)	2,6-Dinitrotoluene	13.981	165	744310	45.427	ng	100
52)	Acenaphthene	14.445	154	2365251	38.091	ng	100
53)	3-Nitroaniline	14.310	138	811310	40.428	ng	100
54)	2,4-Dinitrophenol	14.522	184	471709	65.169	ng	100
55)	Dibenzofuran	14.781	168	3643193	38.279	ng	100
56)	4-Nitrophenol	14.639	139	651965	39.121	ng	100
57)	2,4-Dinitrotoluene	14.769	165	944262	42.752	ng	100
58)	Fluorene	15.434	166	2811029	34.814	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.016	232	926728	55.927	ng	100
60)	Diethylphthalate	15.222	149	3352978	40.464	ng	100
61)	4-Chlorophenyl-phenyle...	15.428	204	1406148	41.653	ng	100
62)	4-Nitroaniline	15.486	138	781282	36.772	ng	100
63)	Azobenzene	15.728	77	3040380	33.509	ng	100
65)	4,6-Dinitro-2-methylph...	15.539	198	627223	60.804	ng	100
66)	n-Nitrosodiphenylamine	15.657	169	2633156	39.441	ng	100
67)	4-Bromophenyl-phenylether	16.333	248	1019986	55.510	ng	100
68)	Hexachlorobenzene	16.439	284	1199632	61.445	ng	100
69)	Atrazine	16.622	200	919395	47.556	ng	100
70)	Pentachlorophenol	16.792	266	782387	62.548	ng	100
71)	Phenanthrene	17.186	178	4759366	37.661	ng	100
72)	Anthracene	17.280	178	4606339	38.110	ng	100
73)	Carbazole	17.557	167	4269348	36.066	ng	100
74)	Di-n-butylphthalate	18.110	149	5549104	38.916	ng	100
75)	Fluoranthene	19.163	202	5331372	38.806	ng	100
77)	Benzidine	19.351	184	1814205	54.198	ng	100
78)	Pyrene	19.516	202	5424486	47.068	ng	100
80)	Butylbenzylphthalate	20.398	149	2256754	44.602	ng	100
81)	Benzo(a)anthracene	21.227	228	4636308	40.742	ng	100
82)	3,3'-Dichlorobenzidine	21.169	252	1572721	47.389	ng	100
83)	Chrysene	21.280	228	4381011	40.630	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.151	149	2974127	39.448	ng	100
85)	Di-n-octyl phthalate	22.057	149	4571364	34.764	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.033	276	4746769	39.153	ng	100
88)	Benzo(b)fluoranthene	22.880	252	4160354	43.248	ng	100
89)	Benzo(k)fluoranthene	22.927	252	3887323	39.438	ng	100
90)	Benzo(a)pyrene	23.492	252	3329744	40.912	ng	100
91)	Dibenzo(a,h)anthracene	26.045	278	3931302	39.057	ng	100
92)	Benzo(g,h,i)perylene	26.780	276	3939659	40.433	ng	100

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

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