Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128487.D
Acq On : 26 May 2022 22:25
Operator : CG\JU
Sample : PB145086BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 27 04:25:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB145086BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	225088	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	869517	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	489867	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	891254	20.000	ng	0.00
76) Chrysene-d12	14.010	240	584807	20.000	ng	0.00
86) Perylene-d12	15.474	264	496512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1496841	110.151	ng	0.02
7) Phenol-d6	6.469	99	1871583	108.020	ng	0.00
23) Nitrobenzene-d5	7.404	82	1248204	82.812	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	518152	111.127	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2255378	74.800	ng	0.00
79) Terphenyl-d14	12.957	244	2482826	82.022	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	188502	31.109	ng	99
3) Pyridine	3.457	79	512770	32.687	ng	98
4) n-Nitrosodimethylamine	3.416	42	337570	41.064	ng	96
6) Aniline	6.504	93	752268	37.207	ng	99
8) 2-Chlorophenol	6.622	128	613864	43.566	ng	97
9) Benzaldehyde	6.393	77	341930	47.242	ng	99
10) Phenol	6.481	94	681896m	39.717	ng	
11) bis(2-Chloroethyl)ether	6.581	93	571425	40.657	ng	99
12) 1,3-Dichlorobenzene	6.781	146	642858	40.156	ng	99
13) 1,4-Dichlorobenzene	6.857	146	643923	39.766	ng	99
14) 1,2-Dichlorobenzene	7.010	146	622252	41.752	ng	99
15) Benzyl Alcohol	6.981	79	542709m	41.069	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1006458	40.462	ng	99
17) 2-Methylphenol	7.093	107	498481	41.566	ng	98
18) Hexachloroethane	7.351	117	235989	41.316	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	424302	39.940	ng	96
20) 3+4-Methylphenols	7.245	107	570738	39.394	ng	91
22) Acetophenone	7.251	105	784718	39.139	ng	94
24) Nitrobenzene	7.422	77	633171	42.491	ng	99
25) Isophorone	7.663	82	1200406	43.172	ng	99
26) 2-Nitrophenol	7.740	139	286436	45.992	ng	99
27) 2,4-Dimethylphenol	7.775	122	560688	45.293	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	707712	39.218	ng	99
29) 2,4-Dichlorophenol	7.975	162	512062	39.970	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	548506	39.526	ng	98
31) Naphthalene	8.145	128	1705913	40.085	ng	100
32) Benzoic acid	7.898	122	380937	43.532	ng	97
33) 4-Chloroaniline	8.192	127	493157	29.104	ng	99
34) Hexachlorobutadiene	8.263	225	341532	38.980	ng	100
35) Caprolactam	8.569	113	166785m	42.219	ng	
36) 4-Chloro-3-methylphenol	8.675	107	538185	40.892	ng	96
37) 2-Methylnaphthalene	8.834	142	1072926	39.942	ng	99
38) 1-Methylnaphthalene	8.934	142	1050191	40.197	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	494845	36.786	ng	99
41) Hexachlorocyclopentadiene	8.992	237	658025	87.021	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	385192	38.830	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	405599	39.682	ng	95
46) 1,1'-Biphenyl	9.304	154	1331184	38.700	ng	100
47) 2-Chloronaphthalene	9.328	162	1056140	39.113	ng	98
48) 2-Nitroaniline	9.422	65	343967	45.810	ng	98
49) Acenaphthylene	9.745	152	1730831	41.726	ng	99
50) Dimethylphthalate	9.610	163	1257737	39.582	ng	100
51) 2,6-Dinitrotoluene	9.669	165	272779	46.840	ng	100
52) Acenaphthene	9.916	154	1092837	42.700	ng	99
53) 3-Nitroaniline	9.834	138	236579	35.176	ng	95
54) 2,4-Dinitrophenol	9.939	184	236868	80.174	ng	96
55) Dibenzofuran	10.092	168	1458795	38.417	ng	100
56) 4-Nitrophenol	9.992	139	472768	86.628	ng	84
57) 2,4-Dinitrotoluene	10.069	165	353103	50.681	ng	96
58) Fluorene	10.433	166	1057418	38.681	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	324888	39.223	ng	100
60) Diethylphthalate	10.310	149	1237916	40.104	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	531342	38.309	ng	93
62) 4-Nitroaniline	10.457	138	287449	44.640	ng	98
63) Azobenzene	10.586	77	1218990	38.791	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	157121	39.277	ng	98
66) n-Nitrosodiphenylamine	10.545	169	1059361	39.701	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	362838	39.403	ng	98
68) Hexachlorobenzene	10.975	284	406586	39.984	ng	99
69) Atrazine	11.075	200	354667	42.827	ng	98
70) Pentachlorophenol	11.169	266	468665	75.632	ng	98
71) Phenanthrene	11.392	178	1673884	39.647	ng	99
72) Anthracene	11.445	178	1703787	40.400	ng	99
73) Carbazole	11.598	167	1560557	38.612	ng	99
74) Di-n-butylphthalate	11.933	149	1931341	40.601	ng	99
75) Fluoranthene	12.580	202	1814992	40.210	ng	100
77) Benzidine	12.704	184	862994	63.978	ng	100
78) Pyrene	12.810	202	1813239	41.157	ng	100
80) Butylbenzylphthalate	13.433	149	780471	41.999	ng	100
81) Benzo(a)anthracene	13.998	228	1406223	40.456	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	425791	47.839	ng	97
83) Chrysene	14.039	228	1420871	39.915	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	951295	42.325	ng	100
85) Di-n-octyl phthalate	14.616	149	1710140	43.225	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1218758	41.618	ng	100
88) Benzo(b)fluoranthene	15.045	252	1376688	44.572	ng	99
89) Benzo(k)fluoranthene	15.080	252	1191765	41.645	ng	99
90) Benzo(a)pyrene	15.416	252	1217201	49.119	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	1068643	44.012	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1064703	44.208	ng	99

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

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