Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126804.D
Acq On : 04 Feb 2022 12:07
Operator : CG/JU
Sample : PB142492BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 04 18:13:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142492BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	152204	20.000	ng		0.00
21) Naphthalene-d8	8.234	136	598188	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	326279	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	549316	20.000	ng		0.00
76) Chrysene-d12	14.133	240	381835	20.000	ng	#	0.00
86) Perylene-d12	15.645	264	271495	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1479305	133.121	ng		0.02
7) Phenol-d6	6.575	99	2016572	131.188	ng		0.00
23) Nitrobenzene-d5	7.516	82	1431377	89.553	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	450227	132.958	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1772301	89.942	ng		0.00
79) Terphenyl-d14	13.074	244	2013949	88.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	228852	40.697	ng	#	87
3) Pyridine	3.646	79	593728	38.934	ng	#	82
4) n-Nitrosodimethylamine	3.616	42	228767	48.567	ng	#	66
6) Aniline	6.616	93	880178	44.873	ng		97
8) 2-Chlorophenol	6.734	128	517409	50.921	ng		97
9) Benzaldehyde	6.504	77	476698	49.292	ng		88
10) Phenol	6.587	94	791050	48.079	ng		95
11) bis(2-Chloroethyl)ether	6.687	93	656937	49.561	ng		91
12) 1,3-Dichlorobenzene	6.892	146	531856	46.485	ng		95
13) 1,4-Dichlorobenzene	6.969	146	535496	46.307	ng		95
14) 1,2-Dichlorobenzene	7.116	146	517600	46.059	ng		97
15) Benzyl Alcohol	7.092	79	590815	48.106	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	704553	49.338	ng		81
17) 2-Methylphenol	7.192	107	488213	48.860	ng	#	93
18) Hexachloroethane	7.463	117	216100	47.704	ng	#	90
19) n-Nitroso-di-n-propyla...	7.363	70	472793	46.710	ng	#	83
20) 3+4-Methylphenols	7.351	107	578343	45.955	ng		92
22) Acetophenone	7.363	105	787533	45.497	ng	#	88
24) Nitrobenzene	7.534	77	746643	47.058	ng	#	87
25) Isophorone	7.775	82	1351124	49.254	ng		95
26) 2-Nitrophenol	7.845	139	260922	49.342	ng	#	73
27) 2,4-Dimethylphenol	7.881	122	494443	53.535	ng		88
28) bis(2-Chloroethoxy)met...	7.981	93	800090	45.989	ng		98
29) 2,4-Dichlorophenol	8.086	162	426310	46.889	ng		96
30) 1,2,4-Trichlorobenzene	8.175	180	441322	45.137	ng		97
31) Naphthalene	8.257	128	1436496	45.944	ng		99
32) Benzoic acid	8.004	122	337878	47.405	ng	#	73
33) 4-Chloroaniline	8.298	127	276160	21.860	ng	#	92
34) Hexachlorobutadiene	8.369	225	271137	44.241	ng		98
35) Caprolactam	8.675	113	161309m	48.759	ng		
36) 4-Chloro-3-methylphenol	8.781	107	539196	46.527	ng		90
37) 2-Methylnaphthalene	8.945	142	903616	46.902	ng		97
38) 1-Methylnaphthalene	9.045	142	843846	45.502	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	423261	45.055	ng		96
41) Hexachlorocyclopentadiene	9.098	237	569166	105.110	ng		94
43) 2,4,6-Trichlorophenol	9.222	196	300064	45.340	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	318660	46.120	ng	#	90
46) 1,1'-Biphenyl	9.410	154	1094108	45.786	ng		94
47) 2-Chloronaphthalene	9.439	162	859063	45.351	ng		99
48) 2-Nitroaniline	9.533	65	360091	46.625	ng		92
49) Acenaphthylene	9.857	152	1380020	47.185	ng		99
50) Dimethylphthalate	9.716	163	1020155	45.233	ng	#	99
51) 2,6-Dinitrotoluene	9.775	165	229280	49.490	ng	#	85
52) Acenaphthene	10.028	154	928240m	49.778	ng		
53) 3-Nitroaniline	9.945	138	173057	32.781	ng	#	79
54) 2,4-Dinitrophenol	10.051	184	240112	98.391	ng		97
55) Dibenzofuran	10.204	168	1189582	43.219	ng		99
56) 4-Nitrophenol	10.104	139	363697	90.967	ng	#	71
57) 2,4-Dinitrotoluene	10.180	165	309358	49.268	ng		94
58) Fluorene	10.545	166	909969	44.683	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	263622	44.082	ng	#	82
60) Diethylphthalate	10.416	149	976200	44.052	ng		96
61) 4-Chlorophenyl-phenyle...	10.533	204	446718	43.366	ng		89
62) 4-Nitroaniline	10.569	138	237348	47.379	ng	#	78
63) Azobenzene	10.692	77	1368741	44.516	ng		91
65) 4,6-Dinitro-2-methylph...	10.586	198	150534	45.174	ng		89
66) n-Nitrosodiphenylamine	10.657	169	810614	45.888	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	289001	45.964	ng		92
68) Hexachlorobenzene	11.092	284	321272	46.696	ng	#	86
69) Atrazine	11.180	200	279278	48.723	ng		93
70) Pentachlorophenol	11.286	266	369351	92.017	ng		97
71) Phenanthrene	11.510	178	1385826	45.551	ng		99
72) Anthracene	11.563	178	1412627	46.359	ng		99
73) Carbazole	11.716	167	1239520	43.119	ng		99
74) Di-n-butylphthalate	12.039	149	1494804	44.850	ng	#	98
75) Fluoranthene	12.704	202	1394619	45.067	ng		97
77) Benzidine	12.821	184	764095	87.230	ng		99
78) Pyrene	12.933	202	1420001	46.534	ng		99
80) Butylbenzylphthalate	13.545	149	602930	47.619	ng	#	89
81) Benzo(a)anthracene	14.121	228	1194248	46.873	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	210133	28.798	ng	#	95
83) Chrysene	14.163	228	1130830	46.877	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	810331	49.191	ng		99
85) Di-n-octyl phthalate	14.721	149	1180043	50.239	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	824562	49.795	ng	#	89
88) Benzo(b)fluoranthene	15.198	252	882841	49.731	ng	#	95
89) Benzo(k)fluoranthene	15.227	252	890425	50.283	ng	#	96
90) Benzo(a)pyrene	15.586	252	823708	58.207	ng	#	94
91) Dibenzo(a,h)anthracene	17.221	278	703165	51.842	ng	#	93
92) Benzo(g,h,i)perylene	17.674	276	725737	54.172	ng	#	89

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

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