Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129175.D
Acq On : 08 Jul 2022 14:51
Operator : CG\JU
Sample : PB146101BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 23:24:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146101BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	313782	20.000	ng		0.00
21) Naphthalene-d8	8.234	136	1198305	20.000	ng	#	0.00
39) Acenaphthene-d10	9.992	164	614151	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	1068964	20.000	ng		0.00
76) Chrysene-d12	14.139	240	538843	20.000	ng		0.00
86) Perylene-d12	15.657	264	428347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	2031632	109.463	ng		0.01
7) Phenol-d6	6.575	99	2537159	110.067	ng		0.00
23) Nitrobenzene-d5	7.510	82	1534788	76.395	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	750735	112.420	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	2816430	73.364	ng		0.00
79) Terphenyl-d14	13.074	244	2422199	93.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.922	88	273741	33.082	ng		87
3) Pyridine	3.687	79	729876	36.118	ng		84
4) n-Nitrosodimethylamine	3.634	42	361857	39.524	ng	#	77
6) Aniline	6.610	93	1037554	40.247	ng		97
8) 2-Chlorophenol	6.734	128	825863	42.353	ng		94
9) Benzaldehyde	6.498	77	447313	42.822	ng		99
10) Phenol	6.587	94	980692	41.991	ng		91
11) bis(2-Chloroethyl)ether	6.681	93	769908	41.650	ng		91
12) 1,3-Dichlorobenzene	6.887	146	880828	41.034	ng		98
13) 1,4-Dichlorobenzene	6.963	146	884626	40.858	ng		99
14) 1,2-Dichlorobenzene	7.116	146	848041	41.666	ng		99
15) Benzyl Alcohol	7.087	79	628864	38.784	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.216	45	1042805	39.497	ng		90
17) 2-Methylphenol	7.192	107	655244	41.294	ng		97
18) Hexachloroethane	7.457	117	317485	41.768	ng		91
19) n-Nitroso-di-n-propyla...	7.357	70	538456	40.381	ng		88
20) 3+4-Methylphenols	7.345	107	818793	40.578	ng		94
22) Acetophenone	7.357	105	1087416	39.558	ng	#	93
24) Nitrobenzene	7.528	77	819989	42.184	ng		95
25) Isophorone	7.769	82	1484301	43.716	ng		97
26) 2-Nitrophenol	7.845	139	444515	49.204	ng	#	87
27) 2,4-Dimethylphenol	7.875	122	757994	46.474	ng		97
28) bis(2-Chloroethoxy)met...	7.975	93	916240	39.293	ng		99
29) 2,4-Dichlorophenol	8.086	162	677899	40.749	ng		96
30) 1,2,4-Trichlorobenzene	8.169	180	698267	38.143	ng		95
31) Naphthalene	8.257	128	2275735	41.834	ng		100
32) Benzoic acid	7.992	122	503010	38.439	ng		92
33) 4-Chloroaniline	8.298	127	769543	35.106	ng		96
34) Hexachlorobutadiene	8.363	225	423540	38.747	ng		98
35) Caprolactam	8.669	113	214729m	40.705	ng		
36) 4-Chloro-3-methylphenol	8.781	107	701579	41.508	ng		90
37) 2-Methylnaphthalene	8.945	142	1520429	41.536	ng		99
38) 1-Methylnaphthalene	9.045	142	1448580	40.750	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	695435	40.285	ng		99
41) Hexachlorocyclopentadiene	9.098	237	925925	101.613	ng		98
43) 2,4,6-Trichlorophenol	9.222	196	487652	41.473	ng		98

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44) 2,4,5-Trichlorophenol	9.263	196	507133	40.547	ng		99
46) 1,1'-Biphenyl	9.410	154	1846207	41.814	ng		100
47) 2-Chloronaphthalene	9.439	162	1386453	40.663	ng		98
48) 2-Nitroaniline	9.533	65	413855	46.084	ng	#	79
49) Acenaphthylene	9.857	152	2169821	41.881	ng		99
50) Dimethylphthalate	9.710	163	1563558	40.695	ng		99
51) 2,6-Dinitrotoluene	9.775	165	345462	44.001	ng		89
52) Acenaphthene	10.028	154	1563412m	46.327	ng		
53) 3-Nitroaniline	9.945	138	325741	34.792	ng	#	86
54) 2,4-Dinitrophenol	10.051	184	418003	96.868	ng	#	85
55) Dibenzofuran	10.198	168	1999182	40.683	ng		98
56) 4-Nitrophenol	10.104	139	657390	85.936	ng		93
57) 2,4-Dinitrotoluene	10.180	165	481446	49.672	ng	#	86
58) Fluorene	10.545	166	1477325	38.866	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.316	232	424767	40.994	ng		99
60) Diethylphthalate	10.410	149	1558173	40.473	ng		98
61) 4-Chlorophenyl-phenyle...	10.533	204	703745	37.159	ng		98
62) 4-Nitroaniline	10.563	138	385108	41.480	ng		90
63) Azobenzene	10.692	77	1500190	39.772	ng		94
65) 4,6-Dinitro-2-methylph...	10.586	198	232716	49.208	ng		91
66) n-Nitrosodiphenylamine	10.651	169	1373260	42.300	ng		96
67) 4-Bromophenyl-phenylether	11.027	248	470749	41.399	ng		92
68) Hexachlorobenzene	11.092	284	524351	41.412	ng		96
69) Atrazine	11.180	200	428412	46.896	ng		99
70) Pentachlorophenol	11.286	266	615337	81.593	ng		98
71) Phenanthrene	11.510	178	2163636	42.362	ng		99
72) Anthracene	11.563	178	2142497	42.547	ng		99
73) Carbazole	11.716	167	2069543	41.015	ng		100
74) Di-n-butylphthalate	12.039	149	2297106	43.177	ng		98
75) Fluoranthene	12.704	202	1754374	32.844	ng		100
77) Benzidine	12.821	184	1056995	110.163	ng		100
78) Pyrene	12.933	202	1765277	47.263	ng		99
80) Butylbenzylphthalate	13.545	149	700469	46.035	ng		90
81) Benzo(a)anthracene	14.127	228	1412105	42.920	ng		100
82) 3,3'-Dichlorobenzidine	14.086	252	346987	48.809	ng		98
83) Chrysene	14.163	228	1284206	42.045	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	928598	45.920	ng		99
85) Di-n-octyl phthalate	14.715	149	1321619	44.273	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.209	276	1163665	44.294	ng		99
88) Benzo(b)fluoranthene	15.204	252	1134503	44.040	ng		100
89) Benzo(k)fluoranthene	15.233	252	1120000	44.825	ng		99
90) Benzo(a)pyrene	15.592	252	969302	46.157	ng		99
91) Dibenzo(a,h)anthracene	17.233	278	998322	46.615	ng		99
92) Benzo(g,h,i)perylene	17.686	276	1009992	47.006	ng		99

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

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