Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126298.D
Acq On : 21 Dec 2021 15:53
Operator : JU/CG
Sample : PB141610BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 22 05:20:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141610BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	181950	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	783861	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	365226	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	567952	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	287574	20.000	ng		0.01
86) Perylene-d12	15.421	264	276717	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1304156	105.555	ng		0.02
7) Phenol-d6	6.451	99	1677853	106.951	ng		0.00
23) Nitrobenzene-d5	7.380	82	1098477	75.897	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	325434	110.876	ng		0.01
45) 2-Fluorobiphenyl	9.180	172	1456424	69.940	ng		0.00
79) Terphenyl-d14	12.927	244	1271490	76.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	218569	36.241	ng	#	100
3) Pyridine	3.381	79	479072	29.912	ng	#	76
4) n-Nitrosodimethylamine	3.334	42	261322	42.453	ng	#	1
6) Aniline	6.481	93	628036	31.516	ng		96
8) 2-Chlorophenol	6.604	128	562119	44.865	ng		89
9) Benzaldehyde	6.363	77	312769	33.039	ng		95
10) Phenol	6.463	94	711154	40.384	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	587401	42.973	ng		99
12) 1,3-Dichlorobenzene	6.757	146	526347	41.645	ng		97
13) 1,4-Dichlorobenzene	6.833	146	529962	41.523	ng		94
14) 1,2-Dichlorobenzene	6.986	146	509477	43.173	ng		95
15) Benzyl Alcohol	6.963	79	452946	39.549	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	945572	42.271	ng		92
17) 2-Methylphenol	7.075	107	458612	41.783	ng		98
18) Hexachloroethane	7.333	117	212763	42.380	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	385476	40.025	ng	#	70
20) 3+4-Methylphenols	7.228	107	507194	39.087	ng	#	76
22) Acetophenone	7.228	105	730595	40.498	ng	#	93
24) Nitrobenzene	7.398	77	601705	41.645	ng		91
25) Isophorone	7.639	82	1104783	40.422	ng	#	87
26) 2-Nitrophenol	7.716	139	293093	44.999	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	496809	44.915	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	708812	39.445	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	409219	41.620	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	411261	40.438	ng		98
31) Naphthalene	8.122	128	1513993	41.301	ng		99
32) Benzoic acid	7.886	122	349041	36.629	ng		91
33) 4-Chloroaniline	8.169	127	262507	17.151	ng		97
34) Hexachlorobutadiene	8.245	225	202208	40.483	ng		98
35) Caprolactam	8.551	113	155228m	63.526	ng		
36) 4-Chloro-3-methylphenol	8.657	107	487548	42.037	ng		89
37) 2-Methylnaphthalene	8.816	142	966041	42.792	ng		97
38) 1-Methylnaphthalene	8.916	142	888643	40.562	ng		95
40) 1,2,4,5-Tetrachloroben...	8.980	216	316032	40.092	ng	#	96
41) Hexachlorocyclopentadiene	8.975	237	377003	83.520	ng		94
43) 2,4,6-Trichlorophenol	9.092	196	241077	38.878	ng		94

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44)	2,4,5-Trichlorophenol	9.133	196	252747	39.360	ng		93
46)	1,1'-Biphenyl	9.280	154	1093083	40.477	ng		97
47)	2-Chloronaphthalene	9.304	162	813088	40.018	ng		97
48)	2-Nitroaniline	9.398	65	305772	41.231	ng		90
49)	Acenaphthylene	9.722	152	1256147	40.460	ng		98
50)	Dimethylphthalate	9.586	163	927867	40.106	ng		99
51)	2,6-Dinitrotoluene	9.639	165	212818	42.500	ng	#	80
52)	Acenaphthene	9.892	154	881745m	43.794	ng		
53)	3-Nitroaniline	9.804	138	144843	22.757	ng	#	74
54)	2,4-Dinitrophenol	9.916	184	208835	101.285	ng	#	82
55)	Dibenzofuran	10.063	168	1070980	39.069	ng		100
56)	4-Nitrophenol	9.974	139	351506	76.458	ng	#	82
57)	2,4-Dinitrotoluene	10.045	165	279453	43.749	ng	#	94
58)	Fluorene	10.410	166	768069	38.703	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.180	232	194510	40.853	ng	#	99
60)	Diethylphthalate	10.280	149	924732	39.774	ng		100
61)	4-Chlorophenyl-phenyle...	10.398	204	332543	37.217	ng		96
62)	4-Nitroaniline	10.421	138	228603	42.817	ng	#	73
63)	Azobenzene	10.557	77	1104526	39.222	ng		84
65)	4,6-Dinitro-2-methylph...	10.451	198	134950	43.513	ng		94
66)	n-Nitrosodiphenylamine	10.516	169	737399	40.455	ng		99
67)	4-Bromophenyl-phenylether	10.886	248	216403	40.598	ng		90
68)	Hexachlorobenzene	10.957	284	256092	41.774	ng	#	83
69)	Atrazine	11.045	200	220602	66.042	ng		96
70)	Pentachlorophenol	11.151	266	267215	78.568	ng		91
71)	Phenanthrene	11.368	178	1171550	39.966	ng		98
72)	Anthracene	11.421	178	1208809	41.084	ng		99
73)	Carbazole	11.568	167	1082853	39.080	ng		99
74)	Di-n-butylphthalate	11.904	149	1409070	40.115	ng		99
75)	Fluoranthene	12.551	202	1083338	41.018	ng		91
77)	Benzidine	12.674	184	339870	74.965	ng		99
78)	Pyrene	12.780	202	1093683	41.396	ng		96
80)	Butylbenzylphthalate	13.404	149	528341	42.496	ng	#	83
81)	Benzo(a)anthracene	13.968	228	667697	39.197	ng		99
82)	3,3'-Dichlorobenzidine	13.933	252	193223	24.829	ng		99
83)	Chrysene	14.004	228	729706	41.230	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.962	149	589212	42.410	ng		99
85)	Di-n-octyl phthalate	14.574	149	1072333	43.298	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.862	276	794935	43.069	ng		93
88)	Benzo(b)fluoranthene	15.009	252	733521	44.117	ng		97
89)	Benzo(k)fluoranthene	15.039	252	676226	42.515	ng	#	95
90)	Benzo(a)pyrene	15.368	252	682896	49.418	ng	#	96
91)	Dibenzo(a,h)anthracene	16.880	278	689013	45.922	ng		96
92)	Benzo(g,h,i)perylene	17.292	276	659798	42.502	ng		93

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

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