Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123805.D
Acq On : 4 May 2021 13:20
Operator : JU/CG
Sample : PB136145BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136145BS

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:02 AM

Quant Time: May 04 13:43:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	251622	20.00	ng		0.00
21) Naphthalene-d8	8.087	136	989258	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	513054	20.00	ng		0.00
64) Phenanthrene-d10	11.328	188	956118	20.00	ng		0.00
76) Chrysene-d12	13.974	240	638821	20.00	ng		0.00
86) Perylene-d12	15.427	264	487512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1758556	110.72	ng		0.01
7) Phenol-d6	6.445	99	2318977	105.99	ng		0.00
23) Nitrobenzene-d5	7.369	82	1620067	73.93	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	664169	103.99	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2426052	68.86	ng		0.00
79) Terphenyl-d14	12.922	244	2649103	79.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	277039	32.38	ng		97
3) Pyridine	3.334	79	770952	36.87	ng		91
4) n-Nitrosodimethylamine	3.281	42	487896	42.36	ng		99
6) Aniline	6.463	93	818154	32.33	ng	#	34
8) 2-Chlorophenol	6.593	128	722249	42.27	ng		99
9) Benzaldehyde	6.345	77	204293	19.29	ng		96
10) Phenol	6.457	94	967904	41.18	ng	#	74
11) bis(2-Chloroethyl)ether	6.540	93	720740	42.00	ng		97
12) 1,3-Dichlorobenzene	6.745	146	685860	39.73	ng		94
13) 1,4-Dichlorobenzene	6.822	146	696855	39.90	ng		95
14) 1,2-Dichlorobenzene	6.975	146	671690	39.61	ng		98
15) Benzyl Alcohol	6.945	79	699403	40.78	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1508637	41.34	ng		98
17) 2-Methylphenol	7.063	107	610455	41.93	ng		98
18) Hexachloroethane	7.316	117	279338	40.41	ng		99
19) n-Nitroso-di-n-propyla...	7.222	70	539639	39.94	ng		98
20) 3+4-Methylphenols	7.216	107	759400	40.99	ng	#	87
22) Acetophenone	7.216	105	1068108	39.72	ng	#	92
24) Nitrobenzene	7.387	77	864841	37.89	ng		97
25) Isophorone	7.628	82	1584853	38.57	ng		99
26) 2-Nitrophenol	7.704	139	376822	40.45	ng		94
27) 2,4-Dimethylphenol	7.745	122	653274	44.64	ng		97
28) bis(2-Chloroethoxy)met...	7.840	93	889050	42.46	ng		100
29) 2,4-Dichlorophenol	7.951	162	576278	39.96	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	579653	38.35	ng		99
31) Naphthalene	8.110	128	1960831	38.49	ng		100
32) Benzoic acid	7.887	122	396259	40.40	ng		98
33) 4-Chloroaniline	8.157	127	480250	22.59	ng		97
34) Hexachlorobutadiene	8.228	225	338513	36.75	ng		99
35) Caprolactam	8.528	113	218378m	43.13	ng		
36) 4-Chloro-3-methylphenol	8.651	107	748082	41.57	ng		96
37) 2-Methylnaphthalene	8.804	142	1297353	39.08	ng		95
38) 1-Methylnaphthalene	8.904	142	1210337	38.79	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	542425	35.92	ng		99
41) Hexachlorocyclopentadiene	8.957	237	540476	82.62	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	410615	39.48	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	445520	39.93	ng		97
46) 1,1'-Biphenyl	9.269	154	1568041	37.31	ng		98
47) 2-Chloronaphthalene	9.292	162	1165228	36.77	ng		97
48) 2-Nitroaniline	9.386	65	546721	39.16	ng		92
49) Acenaphthylene	9.710	152	2040031	39.88	ng		99
50) Dimethylphthalate	9.569	163	1402495	38.81	ng		99
51) 2,6-Dinitrotoluene	9.634	165	314704	37.67	ng	#	84
52) Acenaphthene	9.881	154	1197286	38.41	ng		100
53) 3-Nitroaniline	9.798	138	264954	26.55	ng		98
54) 2,4-Dinitrophenol	9.910	184	376442	84.84	ng		98
55) Dibenzofuran	10.051	168	1723561	36.56	ng		98
56) 4-Nitrophenol	9.981	139	586075	80.64	ng		94
57) 2,4-Dinitrotoluene	10.039	165	444183	39.00	ng		97
58) Fluorene	10.392	166	1349807	37.26	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	346653	39.24	ng		98
60) Diethylphthalate	10.269	149	1473759	38.32	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	622700	36.88	ng		96
62) 4-Nitroaniline	10.422	138	382707	38.71	ng		94
63) Azobenzene	10.545	77	1615140	36.53	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	228793	38.62	ng		93
66) n-Nitrosodiphenylamine	10.504	169	1221581	39.06	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	392872	39.02	ng		98
68) Hexachlorobenzene	10.945	284	455413	39.74	ng		94
69) Atrazine	11.033	200	384437	40.66	ng		95
70) Pentachlorophenol	11.139	266	491791	84.20	ng		97
71) Phenanthrene	11.357	178	1933375	38.55	ng		99
72) Anthracene	11.410	178	1965811	39.42	ng		100
73) Carbazole	11.563	167	1926838	38.23	ng		99
74) Di-n-butylphthalate	11.892	149	2235216	39.51	ng		100
75) Fluoranthene	12.545	202	2103870	38.46	ng		99
77) Benzidine	12.663	184	712681	43.08	ng		97
78) Pyrene	12.774	202	2129245	42.94	ng		99
80) Butylbenzylphthalate	13.392	149	903509	42.65	ng		97
81) Benzo(a)anthracene	13.963	228	1569833	40.55	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	418380	35.19	ng		99
83) Chrysene	14.004	228	1511954	38.82	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1076609	40.91	ng		99
85) Di-n-octyl phthalate	14.568	149	1721519	40.91	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1415952	49.87	ng		98
88) Benzo(b)fluoranthene	15.004	252	1355174	41.25	ng		98
89) Benzo(k)fluoranthene	15.039	252	1216638	38.80	ng		99
90) Benzo(a)pyrene	15.368	252	1122514	39.96	ng		97
91) Dibenzo(a,h)anthracene	16.892	278	1177375	49.12	ng		99
92) Benzo(g,h,i)perylene	17.315	276	1228279	51.16	ng		96

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

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