Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133292.D
Acq On : 08 May 2023 13:42
Operator : CG\JU
Sample : PB152610BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 09 05:03:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152610BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	218076	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	930420	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	485102	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	846053	20.000	ng		0.00
76) Chrysene-d12	13.880	240	486521	20.000	ng		0.00
86) Perylene-d12	15.292	264	419362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1827903	126.619	ng		0.02
7) Phenol-d6	6.375	99	2215211	123.627	ng		0.00
23) Nitrobenzene-d5	7.298	82	1438984	83.480	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	564830	115.776	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	2327920	80.284	ng		0.00
79) Terphenyl-d14	12.833	244	2525271	89.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	236803	35.364	ng		98
3) Pyridine	3.146	79	619950	34.859	ng		96
4) n-Nitrosodimethylamine	3.116	42	387933	42.112	ng		99
6) Aniline	6.387	93	792197	34.326	ng	#	36
8) 2-Chlorophenol	6.510	128	698742	47.671	ng		96
9) Benzaldehyde	6.269	77	361992	46.182	ng		99
10) Phenol	6.387	94	805618	40.755	ng	#	62
11) bis(2-Chloroethyl)ether	6.463	93	665574	44.869	ng		97
12) 1,3-Dichlorobenzene	6.663	146	715484	45.912	ng		99
13) 1,4-Dichlorobenzene	6.740	146	724053	46.360	ng		99
14) 1,2-Dichlorobenzene	6.893	146	692243	48.076	ng		97
15) Benzyl Alcohol	6.875	79	581781	47.003	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1045058	40.563	ng		89
17) 2-Methylphenol	6.993	107	561367	41.826	ng		96
18) Hexachloroethane	7.234	117	259357	47.764	ng		92
19) n-Nitroso-di-n-propyla...	7.151	70	454349	40.730	ng		96
20) 3+4-Methylphenols	7.145	107	670148	42.398	ng	#	89
22) Acetophenone	7.140	105	947546	43.964	ng	#	97
24) Nitrobenzene	7.316	77	727460	41.647	ng		99
25) Isophorone	7.551	82	1357842	41.489	ng		99
26) 2-Nitrophenol	7.628	139	392841	46.629	ng		96
27) 2,4-Dimethylphenol	7.675	122	627359	43.427	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	811749	41.926	ng		99
29) 2,4-Dichlorophenol	7.875	162	573408	43.601	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	603378	44.286	ng		99
31) Naphthalene	8.034	128	1942854	41.766	ng		100
32) Benzoic acid	7.822	122	434966	48.744	ng		99
33) 4-Chloroaniline	8.081	127	479994	25.538	ng		99
34) Hexachlorobutadiene	8.151	225	320519	42.445	ng		99
35) Caprolactam	8.469	113	207794m	47.034	ng		
36) 4-Chloro-3-methylphenol	8.575	107	622534	43.897	ng		96
37) 2-Methylnaphthalene	8.722	142	1288675	40.520	ng		98
38) 1-Methylnaphthalene	8.822	142	1194949	40.164	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	528146	40.493	ng		99
41) Hexachlorocyclopentadiene	8.881	237	618594	81.322	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	385139	42.698	ng		98

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44)	2,4,5-Trichlorophenol	9.045	196	411364	39.433	ng		98
46)	1,1'-Biphenyl	9.187	154	1593393	41.423	ng		99
47)	2-Chloronaphthalene	9.210	162	1208011	42.906	ng		98
48)	2-Nitroaniline	9.310	65	390088	41.922	ng		96
49)	Acenaphthylene	9.628	152	1834656	40.782	ng		99
50)	Dimethylphthalate	9.492	163	1431919	42.333	ng		100
51)	2,6-Dinitrotoluene	9.551	165	332871	43.723	ng		98
52)	Acenaphthene	9.798	154	1360589m	45.157	ng		
53)	3-Nitroaniline	9.722	138	289248	31.953	ng		99
54)	2,4-Dinitrophenol	9.834	184	374405	97.839	ng		95
55)	Dibenzofuran	9.969	168	1649903	40.143	ng		97
56)	4-Nitrophenol	9.898	139	566502	80.800	ng		92
57)	2,4-Dinitrotoluene	9.957	165	428241	44.108	ng		98
58)	Fluorene	10.310	166	1200978	39.884	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.092	232	338669	41.875	ng		99
60)	Diethylphthalate	10.192	149	1337557	41.864	ng		99
61)	4-Chlorophenyl-phenyle...	10.304	204	576661	39.298	ng		98
62)	4-Nitroaniline	10.339	138	382635	45.990	ng		98
63)	Azobenzene	10.463	77	1346584	39.786	ng		99
65)	4,6-Dinitro-2-methylph...	10.369	198	249010	48.558	ng		87
66)	n-Nitrosodiphenylamine	10.428	169	1132820	41.278	ng		100
67)	4-Bromophenyl-phenylether	10.792	248	379335	41.340	ng		97
68)	Hexachlorobenzene	10.863	284	407247	43.313	ng		97
69)	Atrazine	10.957	200	377491	47.737	ng		98
70)	Pentachlorophenol	11.057	266	467582	69.826	ng		98
71)	Phenanthrene	11.269	178	1867970	41.079	ng		99
72)	Anthracene	11.322	178	1913233	41.113	ng		99
73)	Carbazole	11.480	167	1762572	42.536	ng		99
74)	Di-n-butylphthalate	11.810	149	2073531	44.218	ng		100
75)	Fluoranthene	12.457	202	1864849	40.863	ng		97
77)	Benzidine	12.575	184	716042	87.032	ng	#	93
78)	Pyrene	12.680	202	1918336	45.997	ng		99
80)	Butylbenzylphthalate	13.304	149	819794	55.515	ng		96
81)	Benzo(a)anthracene	13.869	228	1347707	40.282	ng		100
82)	3,3'-Dichlorobenzidine	13.833	252	381697	41.298	ng		99
83)	Chrysene	13.910	228	1375864	41.134	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.869	149	898022	48.449	ng		100
85)	Di-n-octyl phthalate	14.474	149	1484607	49.122	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.674	276	1238586	51.923	ng		98
88)	Benzo(b)fluoranthene	14.892	252	1214645	45.528	ng		99
89)	Benzo(k)fluoranthene	14.921	252	1200322	45.386	ng		99
90)	Benzo(a)pyrene	15.239	252	1054780	43.436	ng		99
91)	Dibenzo(a,h)anthracene	16.692	278	1032930	51.918	ng		99
92)	Benzo(g,h,i)perylene	17.092	276	1034060	52.645	ng		98

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

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