Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134096.D
Acq On : 06 Jul 2023 12:50
Operator : CG\JU
Sample : PB153188BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153188BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 07 01:09:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	138328	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	551699	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	284969	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	563004	20.000	ng		0.00
76) Chrysene-d12	14.045	240	383307	20.000	ng		0.00
86) Perylene-d12	15.545	264	287824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	940287	113.707	ng		0.01
7) Phenol-d6	6.492	99	1136697	111.773	ng		0.00
23) Nitrobenzene-d5	7.416	82	779862	76.199	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	407870	114.155	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1443138	73.628	ng		0.00
79) Terphenyl-d14	12.980	244	1818305	76.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	139396	40.882	ng		99
3) Pyridine	3.528	79	313030	35.245	ng		97
4) n-Nitrosodimethylamine	3.493	42	218688	43.112	ng		99
6) Aniline	6.510	93	317432	25.651	ng	#	38
8) 2-Chlorophenol	6.634	128	382545	45.571	ng		98
9) Benzaldehyde	6.398	77	49991	6.566	ng		94
10) Phenol	6.504	94	442400	41.374	ng		90
11) bis(2-Chloroethyl)ether	6.587	93	352243	44.745	ng		100
12) 1,3-Dichlorobenzene	6.787	146	400631	44.766	ng		99
13) 1,4-Dichlorobenzene	6.863	146	407472	45.077	ng		100
14) 1,2-Dichlorobenzene	7.016	146	385316	45.515	ng		99
15) Benzyl Alcohol	6.992	79	337140	43.003	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	594720	42.703	ng		97
17) 2-Methylphenol	7.104	107	314353	41.818	ng		97
18) Hexachloroethane	7.351	117	155351	46.350	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	270462	41.937	ng		98
20) 3+4-Methylphenols	7.257	107	373549	40.962	ng		90
22) Acetophenone	7.257	105	528748	42.141	ng		97
24) Nitrobenzene	7.434	77	415263	40.152	ng		96
25) Isophorone	7.669	82	748844	40.259	ng		98
26) 2-Nitrophenol	7.745	139	209732	42.273	ng		93
27) 2,4-Dimethylphenol	7.786	122	336715	42.875	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	431825	40.094	ng		99
29) 2,4-Dichlorophenol	7.986	162	321601	41.296	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	339848	42.293	ng		97
31) Naphthalene	8.151	128	1048218	39.335	ng		98
32) Benzoic acid	7.928	122	258752	43.969	ng		98
33) 4-Chloroaniline	8.198	127	116981	10.262	ng		99
34) Hexachlorobutadiene	8.263	225	213840	42.187	ng		98
35) Caprolactam	8.581	113	108488m	42.309	ng		
36) 4-Chloro-3-methylphenol	8.686	107	370667	42.369	ng		96
37) 2-Methylnaphthalene	8.839	142	718757	38.141	ng		100
38) 1-Methylnaphthalene	8.939	142	673391	38.438	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	349758	41.427	ng		99
41) Hexachlorocyclopentadiene	8.992	237	359524	89.761	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	233334	40.599	ng		97

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44) 2,4,5-Trichlorophenol	9.175	196	249226	36.866	ng		94
46) 1,1'-Biphenyl	9.310	154	918953	40.201	ng		98
47) 2-Chloronaphthalene	9.333	162	675778	40.405	ng		97
48) 2-Nitroaniline	9.433	65	242956	39.858	ng		99
49) Acenaphthylene	9.751	152	1111639	38.908	ng		100
50) Dimethylphthalate	9.616	163	830261	40.136	ng		99
51) 2,6-Dinitrotoluene	9.680	165	182710	41.009	ng		99
52) Acenaphthene	9.922	154	664725	40.096	ng		99
53) 3-Nitroaniline	9.845	138	115969	21.697	ng		99
54) 2,4-Dinitrophenol	9.963	184	216810	84.056	ng		99
55) Dibenzofuran	10.098	168	1004407	38.766	ng		99
56) 4-Nitrophenol	10.022	139	288717	77.222	ng		94
57) 2,4-Dinitrotoluene	10.086	165	238981	40.616	ng		90
58) Fluorene	10.439	166	800537	39.715	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	222166	41.662	ng		99
60) Diethylphthalate	10.316	149	861697	39.983	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	377777	38.890	ng		99
62) 4-Nitroaniline	10.469	138	203882	37.849	ng		94
63) Azobenzene	10.592	77	810113	39.739	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	146299	47.663	ng		84
66) n-Nitrosodiphenylamine	10.557	169	716029	39.806	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	243336	40.664	ng		91
68) Hexachlorobenzene	10.992	284	281748	44.344	ng		93
69) Atrazine	11.086	200	203869	40.973	ng		99
70) Pentachlorophenol	11.186	266	287699	75.731	ng		100
71) Phenanthrene	11.410	178	1142428	40.308	ng		100
72) Anthracene	11.463	178	1186712	40.255	ng		100
73) Carbazole	11.616	167	1136022	42.102	ng		99
74) Di-n-butylphthalate	11.945	149	1389739	43.311	ng		99
75) Fluoranthene	12.604	202	1292870	42.194	ng		99
77) Benzidine	12.727	184	179403	19.670	ng		99
78) Pyrene	12.833	202	1326231	37.179	ng		100
80) Butylbenzylphthalate	13.457	149	592555	44.291	ng		98
81) Benzo(a)anthracene	14.033	228	1101815	41.448	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	249290	29.600	ng	#	99
83) Chrysene	14.068	228	1023868	39.766	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	706810	45.978	ng		99
85) Di-n-octyl phthalate	14.639	149	937394	41.499	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	934303	46.780	ng		99
88) Benzo(b)fluoranthene	15.098	252	810648	47.899	ng		98
89) Benzo(k)fluoranthene	15.133	252	774738	44.960	ng		99
90) Benzo(a)pyrene	15.480	252	694344	42.427	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	771154	47.272	ng		98
92) Benzo(g,h,i)perylene	17.568	276	838484	49.843	ng		98

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

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