Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135545.D
Acq On : 03 Oct 2023 16:37
Operator : CG\JU
Sample : PB155919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 07:02:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 06:58:43 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155919BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	147981	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	582201	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	291148	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	549617	20.000	ng	#	0.00
76) Chrysene-d12	13.927	240	282135	20.000	ng		0.00
86) Perylene-d12	15.386	264	271873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1242395	136.551	ng		0.02
7) Phenol-d6	6.398	99	1542624	133.339	ng		0.00
23) Nitrobenzene-d5	7.310	82	1014776	94.696	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	347789	120.205	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1694527	87.810	ng		0.00
79) Terphenyl-d14	12.863	244	1619117	88.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	194963	48.881	ng		93
3) Pyridine	3.281	79	506282	47.163	ng		95
4) n-Nitrosodimethylamine	3.240	42	315287	55.348	ng		93
6) Aniline	6.410	93	465544	30.686	ng	#	11
8) 2-Chlorophenol	6.528	128	529700	54.537	ng		99
9) Benzaldehyde	6.298	77	115771	17.566	ng		99
10) Phenol	6.410	94	597595	47.106	ng		86
11) bis(2-Chloroethyl)ether	6.487	93	511571	53.759	ng		97
12) 1,3-Dichlorobenzene	6.681	146	506453	51.308	ng		97
13) 1,4-Dichlorobenzene	6.757	146	512253	51.008	ng		99
14) 1,2-Dichlorobenzene	6.904	146	476998	51.146	ng		99
15) Benzyl Alcohol	6.893	79	435800	52.494	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	915794	51.057	ng		70
17) 2-Methylphenol	7.010	107	409789	47.811	ng	#	93
18) Hexachloroethane	7.240	117	196276	52.895	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	335427	46.809	ng		94
20) 3+4-Methylphenols	7.163	107	502071	48.715	ng	#	74
22) Acetophenone	7.151	105	663837	49.873	ng		92
24) Nitrobenzene	7.328	77	550121	51.938	ng		100
25) Isophorone	7.563	82	1038923	52.797	ng		97
26) 2-Nitrophenol	7.640	139	283485	55.766	ng		98
27) 2,4-Dimethylphenol	7.687	122	417862	48.903	ng		97
28) bis(2-Chloroethoxy)met...	7.775	93	641735	54.487	ng		99
29) 2,4-Dichlorophenol	7.887	162	414339	52.331	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	428863	51.821	ng		99
31) Naphthalene	8.039	128	1420907	50.231	ng		99
32) Benzoic acid	7.840	122	354438	55.086	ng		97
33) 4-Chloroaniline	8.098	127	389351	31.372	ng		99
34) Hexachlorobutadiene	8.151	225	238533	47.801	ng		99
35) Caprolactam	8.481	113	135722m	51.075	ng		
36) 4-Chloro-3-methylphenol	8.598	107	464350	52.768	ng		96
37) 2-Methylnaphthalene	8.734	142	902552	47.466	ng		99
38) 1-Methylnaphthalene	8.834	142	868604	48.792	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	419182	49.697	ng		99
41) Hexachlorocyclopentadiene	8.881	237	202324	56.797	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	283079	51.258	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	297859	46.834	ng		98
46) 1,1'-Biphenyl	9.198	154	1131669	50.579	ng		98
47) 2-Chloronaphthalene	9.228	162	856336	52.750	ng		100
48) 2-Nitroaniline	9.334	65	340592	54.004	ng		100
49) Acenaphthylene	9.639	152	1356416	50.276	ng		98
50) Dimethylphthalate	9.510	163	1001230	50.864	ng		100
51) 2,6-Dinitrotoluene	9.575	165	224149	51.980	ng		98
52) Acenaphthene	9.810	154	808854	50.750	ng		98
53) 3-Nitroaniline	9.745	138	196607	38.841	ng		99
54) 2,4-Dinitrophenol	9.869	184	233281	94.099	ng		94
55) Dibenzofuran	9.986	168	1143787	47.029	ng		99
56) 4-Nitrophenol	9.933	139	281321	87.447	ng		97
57) 2,4-Dinitrotoluene	9.986	165	258044	47.799	ng	#	78
58) Fluorene	10.333	166	906840	48.501	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	238766	48.804	ng		99
60) Diethylphthalate	10.210	149	981095	49.663	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	415936	46.310	ng		95
62) 4-Nitroaniline	10.369	138	253722	52.145	ng		97
63) Azobenzene	10.486	77	1008162	52.144	ng		100
65) 4,6-Dinitro-2-methylph...	10.404	198	157994	54.123	ng		88
66) n-Nitrosodiphenylamine	10.445	169	853616	51.301	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	268769	49.168	ng		97
68) Hexachlorobenzene	10.880	284	285861	51.331	ng	#	93
69) Atrazine	10.980	200	255505	57.068	ng		98
70) Pentachlorophenol	11.080	266	261362	78.442	ng		99
71) Phenanthrene	11.298	178	1323228	50.904	ng		99
72) Anthracene	11.351	178	1329942	49.774	ng		100
73) Carbazole	11.510	167	1305719	53.682	ng		99
74) Di-n-butylphthalate	11.839	149	1489325	51.963	ng		100
75) Fluoranthene	12.492	202	1424046	52.575	ng		100
77) Benzidine	12.616	184	492373	85.185	ng		99
78) Pyrene	12.722	202	1437448	53.514	ng		100
80) Butylbenzylphthalate	13.339	149	585063	61.863	ng		95
81) Benzo(a)anthracene	13.916	228	983948	54.009	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	253292	44.511	ng	#	98
83) Chrysene	13.957	228	937782	51.774	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	664619	68.482	ng		99
85) Di-n-octyl phthalate	14.516	149	904601	58.652	ng		100
87) Indeno(1,2,3-cd)pyrene	16.874	276	985646	55.293	ng		97
88) Benzo(b)fluoranthene	14.963	252	758466	51.535	ng	#	97
89) Benzo(k)fluoranthene	14.992	252	737381	50.720	ng	#	98
90) Benzo(a)pyrene	15.327	252	708860	50.506	ng		99
91) Dibenzo(a,h)anthracene	16.880	278	792911	54.364	ng		98
92) Benzo(g,h,i)perylene	17.315	276	849598	55.775	ng		96

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

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