Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
Data File : BF134190.D
Acq On : 10 Jul 2023 17:16
Operator : CG\JU
Sample : PB153729BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153729BSD

Quant Time: Jul 10 17:50:10 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	120933	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	455826	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	217304	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	354540	20.000	ng		-0.01
76) Chrysene-d12	14.039	240	217096	20.000	ng		-0.01
86) Perylene-d12	15.539	264	245685	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	603846	83.525	ng		0.00
7) Phenol-d6	6.487	99	770047	86.611	ng		0.00
23) Nitrobenzene-d5	7.410	82	783857	92.698	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	197015	72.311	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1377392	92.156	ng		0.00
79) Terphenyl-d14	12.974	244	1099788	81.532	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	110336	37.014	ng		99
3) Pyridine	3.493	79	297401	38.302	ng		94
4) n-Nitrosodimethylamine	3.463	42	202240	45.604	ng		96
6) Aniline	6.510	93	290128	26.816	ng	#	88
8) 2-Chlorophenol	6.634	128	356178	48.533	ng		96
9) Benzaldehyde	6.398	77	167325	32.613	ng		99
10) Phenol	6.498	94	437860	46.839	ng		97
11) bis(2-Chloroethyl)ether	6.581	93	336826	48.941	ng		99
12) 1,3-Dichlorobenzene	6.787	146	394205	50.384	ng		96
13) 1,4-Dichlorobenzene	6.863	146	404753	51.217	ng		99
14) 1,2-Dichlorobenzene	7.010	146	383393	51.802	ng		98
15) Benzyl Alcohol	6.992	79	328383	47.911	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	580024	47.638	ng		97
17) 2-Methylphenol	7.104	107	299240	45.534	ng		98
18) Hexachloroethane	7.351	117	152508	52.047	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	254914	45.211	ng		99
20) 3+4-Methylphenols	7.257	107	358442	44.959	ng		97
22) Acetophenone	7.257	105	512603	49.447	ng		96
24) Nitrobenzene	7.434	77	401497	46.986	ng		100
25) Isophorone	7.669	82	704582	45.847	ng		100
26) 2-Nitrophenol	7.745	139	201866	49.245	ng		97
27) 2,4-Dimethylphenol	7.781	122	292901	45.140	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	421401	47.355	ng		99
29) 2,4-Dichlorophenol	7.986	162	271872	42.253	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	309531	46.622	ng		99
31) Naphthalene	8.145	128	1017058	46.192	ng		99
32) Benzoic acid	7.928	122	74789m	15.382	ng		
33) 4-Chloroaniline	8.198	127	80808	8.580	ng		95
34) Hexachlorobutadiene	8.257	225	205703	49.117	ng		98
35) Caprolactam	8.586	113	97145m	45.854	ng		
36) 4-Chloro-3-methylphenol	8.686	107	319069	44.142	ng		97
37) 2-Methylnaphthalene	8.839	142	675261	43.369	ng		99
38) 1-Methylnaphthalene	8.939	142	622732	43.022	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	324930	50.471	ng		99
41) Hexachlorocyclopentadiene	8.986	237	220301	72.128	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	206009	47.006	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	205041	39.774	ng		95
46) 1,1'-Biphenyl	9.304	154	838922	48.127	ng		98
47) 2-Chloronaphthalene	9.333	162	613873	48.132	ng		100
48) 2-Nitroaniline	9.433	65	204451	43.986	ng		92
49) Acenaphthylene	9.745	152	994981	45.669	ng		99
50) Dimethylphthalate	9.610	163	735992	46.658	ng		99
51) 2,6-Dinitrotoluene	9.675	165	158302	46.594	ng		96
52) Acenaphthene	9.922	154	583569	46.161	ng		98
53) 3-Nitroaniline	9.845	138	127359	31.247	ng		93
54) 2,4-Dinitrophenol	9.957	184	44757	25.573	ng		88
55) Dibenzofuran	10.092	168	885581	44.823	ng		100
56) 4-Nitrophenol	10.016	139	171582	60.183	ng		92
57) 2,4-Dinitrotoluene	10.080	165	202053	45.032	ng		94
58) Fluorene	10.439	166	674208	43.862	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	156451	38.474	ng		96
60) Diethylphthalate	10.310	149	743261	45.226	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	334958	45.219	ng		99
62) 4-Nitroaniline	10.463	138	146980	35.782	ng		98
63) Azobenzene	10.586	77	671473	43.194	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	52668	27.248	ng		96
66) n-Nitrosodiphenylamine	10.551	169	593456	52.390	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	188317	49.973	ng		97
68) Hexachlorobenzene	10.986	284	206206	51.538	ng		95
69) Atrazine	11.080	200	173299	55.309	ng		96
70) Pentachlorophenol	11.186	266	125855	52.608	ng		99
71) Phenanthrene	11.404	178	840982	47.119	ng		100
72) Anthracene	11.457	178	863546	46.517	ng		99
73) Carbazole	11.616	167	724259	42.624	ng		99
74) Di-n-butylphthalate	11.939	149	957847	47.403	ng		98
75) Fluoranthene	12.598	202	754598	39.107	ng		99
77) Benzidine	12.721	184	154334	29.877	ng		99
78) Pyrene	12.827	202	781028	38.658	ng		99
80) Butylbenzylphthalate	13.451	149	326298	43.062	ng		100
81) Benzo(a)anthracene	14.027	228	693917	46.089	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	160296	33.605	ng	#	99
83) Chrysene	14.068	228	672729	46.132	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	434575	49.912	ng		100
85) Di-n-octyl phthalate	14.633	149	851923	66.590	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	614589	36.050	ng		99
88) Benzo(b)fluoranthene	15.098	252	791465	54.786	ng		99
89) Benzo(k)fluoranthene	15.133	252	731539	49.735	ng		98
90) Benzo(a)pyrene	15.480	252	645482	46.206	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	521711	37.467	ng		98
92) Benzo(g,h,i)perylene	17.556	276	462818	32.230	ng		98

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

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