Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138022.D
Acq On : 23 May 2024 12:21
Operator : CG\JU
Sample : PB161075BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161075BS

Quant Time: May 23 12:49:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	164432	20.000	ng		-0.01
21) Naphthalene-d8	8.322	136	654986	20.000	ng		0.00
39) Acenaphthene-d10	10.087	164	374304	20.000	ng		0.00
64) Phenanthrene-d10	11.581	188	639931	20.000	ng		0.00
76) Chrysene-d12	14.233	240	366851	20.000	ng		0.00
86) Perylene-d12	15.792	264	315768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	1116315	115.320	ng		0.01
7) Phenol-d6	6.657	99	1383294	116.005	ng		0.00
23) Nitrobenzene-d5	7.598	82	850939	76.457	ng		-0.01
42) 2,4,6-Tribromophenol	10.881	330	494258	130.960	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1828348	75.243	ng		0.00
79) Terphenyl-d14	13.169	244	2036257	81.805	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	131078	31.257	ng		99
3) Pyridine	3.787	79	322279	34.251	ng		99
4) n-Nitrosodimethylamine	3.752	42	170636	41.107	ng		97
6) Aniline	6.699	93	335172m	31.425	ng		
8) 2-Chlorophenol	6.822	128	455432	43.474	ng		98
9) Benzaldehyde	6.593	77	375118	58.145	ng		99
10) Phenol	6.669	94	510547	42.418	ng		99
11) bis(2-Chloroethyl)ether	6.769	93	395914	42.841	ng		97
12) 1,3-Dichlorobenzene	6.975	146	473509	39.066	ng		98
13) 1,4-Dichlorobenzene	7.051	146	480490	39.494	ng		98
14) 1,2-Dichlorobenzene	7.204	146	462336	40.377	ng		99
15) Benzyl Alcohol	7.175	79	368015	46.218	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	486806	42.853	ng		99
17) 2-Methylphenol	7.275	107	358926	42.962	ng		99
18) Hexachloroethane	7.545	117	166456	40.432	ng		97
19) n-Nitroso-di-n-propyla...	7.446	70	289957	43.281	ng		98
20) 3+4-Methylphenols	7.428	107	454690	41.544	ng		94
22) Acetophenone	7.446	105	598615	40.798	ng	#	99
24) Nitrobenzene	7.622	77	442814	39.220	ng		98
25) Isophorone	7.851	82	808144	41.838	ng		100
26) 2-Nitrophenol	7.934	139	249657	44.006	ng		99
27) 2,4-Dimethylphenol	7.957	122	330575	45.259	ng		98
28) bis(2-Chloroethoxy)met...	8.057	93	489893	41.846	ng		99
29) 2,4-Dichlorophenol	8.169	162	397170	43.242	ng		99
30) 1,2,4-Trichlorobenzene	8.257	180	404746	39.468	ng		100
31) Naphthalene	8.345	128	1311234	39.815	ng		100
32) Benzoic acid	8.087	122	297176	48.131	ng		98
33) 4-Chloroaniline	8.381	127	209335	19.390	ng		98
34) Hexachlorobutadiene	8.451	225	251243	38.706	ng		99
35) Caprolactam	8.769	113	127263m	47.825	ng		
36) 4-Chloro-3-methylphenol	8.863	107	407982	43.665	ng		98
37) 2-Methylnaphthalene	9.034	142	873046	41.241	ng		98
38) 1-Methylnaphthalene	9.134	142	810776	38.958	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	424105	41.677	ng		99
41) Hexachlorocyclopentadiene	9.187	237	416910	107.824	ng		99
43) 2,4,6-Trichlorophenol	9.310	196	291549	43.697	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	312041	42.743	ng		96
46) 1,1'-Biphenyl	9.498	154	1078635	41.086	ng		99
47) 2-Chloronaphthalene	9.528	162	839204	40.044	ng		98
48) 2-Nitroaniline	9.622	65	234704	43.735	ng		98
49) Acenaphthylene	9.951	152	1328704	44.094	ng		99
50) Dimethylphthalate	9.798	163	1014960	43.242	ng		99
51) 2,6-Dinitrotoluene	9.863	165	230299	42.750	ng		99
52) Acenaphthene	10.122	154	898156	45.096	ng		99
53) 3-Nitroaniline	10.034	138	172422	32.740	ng		98
54) 2,4-Dinitrophenol	10.145	184	252069	86.036	ng	#	78
55) Dibenzofuran	10.292	168	1215891	41.949	ng		100
56) 4-Nitrophenol	10.192	139	344145	90.982	ng		97
57) 2,4-Dinitrotoluene	10.269	165	309380	44.424	ng	#	87
58) Fluorene	10.639	166	959015	41.830	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	260685	45.455	ng		98
60) Diethylphthalate	10.498	149	959411	43.766	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	477601	42.243	ng		99
62) 4-Nitroaniline	10.657	138	209622	41.965	ng		99
63) Azobenzene	10.786	77	857635	43.012	ng		99
65) 4,6-Dinitro-2-methylph...	10.681	198	176210	47.689	ng		99
66) n-Nitrosodiphenylamine	10.745	169	829814	42.284	ng		98
67) 4-Bromophenyl-phenylether	11.116	248	299592	42.705	ng		97
68) Hexachlorobenzene	11.186	284	324748	41.877	ng		97
69) Atrazine	11.269	200	285965	53.363	ng		99
70) Pentachlorophenol	11.381	266	388084	85.434	ng		99
71) Phenanthrene	11.610	178	1342822	42.582	ng		100
72) Anthracene	11.657	178	1358857	43.430	ng		99
73) Carbazole	11.810	167	1203968	42.123	ng		99
74) Di-n-butylphthalate	12.128	149	1450693	45.734	ng		100
75) Fluoranthene	12.798	202	1346418	42.064	ng		99
77) Benzidine	12.916	184	94724	19.757	ng		98
78) Pyrene	13.033	202	1355906	42.258	ng		99
80) Butylbenzylphthalate	13.633	149	499444	51.605	ng		99
81) Benzo(a)anthracene	14.222	228	1025927	44.203	ng		100
82) 3,3'-Dichlorobenzidine	14.174	252	224136	34.847	ng		99
83) Chrysene	14.257	228	945267	42.586	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	610582	50.188	ng		98
85) Di-n-octyl phthalate	14.816	149	867278	52.768	ng		99
87) Indeno(1,2,3-cd)pyrene	17.421	276	909432	44.828	ng		99
88) Benzo(b)fluoranthene	15.321	252	852546	46.630	ng		99
89) Benzo(k)fluoranthene	15.357	252	803195	44.718	ng		100
90) Benzo(a)pyrene	15.727	252	748538	47.946	ng		99
91) Dibenzo(a,h)anthracene	17.445	278	744993	44.447	ng		99
92) Benzo(g,h,i)perylene	17.927	276	700000	39.755	ng		99

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

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