Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137863.D
Acq On : 09 May 2024 14:43
Operator : CG\JU
Sample : PB160815BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160815BS

Quant Time: May 09 15:13:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.051	152	197597	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	802265	20.000	ng		0.00
39) Acenaphthene-d10	10.098	164	451088	20.000	ng		-0.01
64) Phenanthrene-d10	11.598	188	752249	20.000	ng		0.00
76) Chrysene-d12	14.251	240	446083	20.000	ng	#	0.00
86) Perylene-d12	15.815	264	367432	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	1444318	122.381	ng		0.02
7) Phenol-d6	6.675	99	1817485	121.413	ng		0.00
23) Nitrobenzene-d5	7.622	82	1142193	82.715	ng		0.00
42) 2,4,6-Tribromophenol	10.898	330	606440	131.671	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	2349242	84.492	ng		0.00
79) Terphenyl-d14	13.186	244	2583154	97.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	173960	32.733	ng		97
3) Pyridine	3.822	79	442809	34.427	ng		96
4) n-Nitrosodimethylamine	3.793	42	230147	39.736	ng		91
6) Aniline	6.716	93	449996m	30.329	ng		
8) 2-Chlorophenol	6.840	128	602590	46.852	ng		97
9) Benzaldehyde	6.610	77	563437	69.893	ng		98
10) Phenol	6.687	94	666412	43.446	ng		96
11) bis(2-Chloroethyl)ether	6.787	93	543077	45.217	ng		98
12) 1,3-Dichlorobenzene	6.993	146	612208	42.211	ng		100
13) 1,4-Dichlorobenzene	7.069	146	620053	42.607	ng		99
14) 1,2-Dichlorobenzene	7.222	146	603730	44.046	ng		98
15) Benzyl Alcohol	7.192	79	493047	47.628	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	691373	40.954	ng		97
17) 2-Methylphenol	7.293	107	481957	46.440	ng		99
18) Hexachloroethane	7.563	117	219043	44.523	ng		96
19) n-Nitroso-di-n-propyla...	7.463	70	396289	44.298	ng		96
20) 3+4-Methylphenols	7.445	107	606101	44.391	ng	#	90
22) Acetophenone	7.463	105	798579	44.259	ng		99
24) Nitrobenzene	7.640	77	600986	42.228	ng		93
25) Isophorone	7.869	82	1117373	44.879	ng		99
26) 2-Nitrophenol	7.951	139	328817	51.020	ng		96
27) 2,4-Dimethylphenol	7.975	122	448035	48.288	ng		96
28) bis(2-Chloroethoxy)met...	8.075	93	676256	44.861	ng		99
29) 2,4-Dichlorophenol	8.187	162	518604	46.243	ng		99
30) 1,2,4-Trichlorobenzene	8.275	180	542353	44.362	ng		99
31) Naphthalene	8.363	128	1741672	43.685	ng		100
32) Benzoic acid	8.110	122	394421	49.275	ng		96
33) 4-Chloroaniline	8.398	127	215397	14.569	ng		99
34) Hexachlorobutadiene	8.469	225	336489	44.829	ng		97
35) Caprolactam	8.787	113	156323m	43.993	ng		
36) 4-Chloro-3-methylphenol	8.881	107	538884	46.078	ng		96
37) 2-Methylnaphthalene	9.051	142	1143607	44.313	ng		98
38) 1-Methylnaphthalene	9.151	142	1065851	41.979	ng		99
40) 1,2,4,5-Tetrachloroben...	9.216	216	552080	46.209	ng		99
41) Hexachlorocyclopentadiene	9.204	237	633243	130.492	ng		99
43) 2,4,6-Trichlorophenol	9.328	196	382303	47.009	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	406822	45.303	ng	99
46) 1,1'-Biphenyl	9.516	154	1418189	45.811	ng	99
47) 2-Chloronaphthalene	9.545	162	1106918	44.289	ng	98
48) 2-Nitroaniline	9.639	65	307003	45.291	ng	95
49) Acenaphthylene	9.963	152	1720717	47.593	ng	99
50) Dimethylphthalate	9.816	163	1326614	46.586	ng	100
51) 2,6-Dinitrotoluene	9.881	165	296842	45.613	ng	93
52) Acenaphthene	10.139	154	1169149	48.786	ng	99
53) 3-Nitroaniline	10.051	138	202012	29.642	ng	94
54) 2,4-Dinitrophenol	10.157	184	322318	100.798	ng	89
55) Dibenzofuran	10.310	168	1550782	44.467	ng	98
56) 4-Nitrophenol	10.210	139	458120	81.107	ng	95
57) 2,4-Dinitrotoluene	10.286	165	395814	46.555	ng	99
58) Fluorene	10.651	166	1213343	43.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	331753	45.505	ng	98
60) Diethylphthalate	10.516	149	1246235	46.079	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	605910	44.306	ng	95
62) 4-Nitroaniline	10.675	138	278883	40.344	ng	95
63) Azobenzene	10.804	77	1137156	43.503	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	222374	51.503	ng	83
66) n-Nitrosodiphenylamine	10.763	169	1058960	47.028	ng	98
67) 4-Bromophenyl-phenylether	11.133	248	385215	47.849	ng	96
68) Hexachlorobenzene	11.198	284	409219	46.513	ng	99
69) Atrazine	11.286	200	359981	52.430	ng	99
70) Pentachlorophenol	11.392	266	502378	83.173	ng	99
71) Phenanthrene	11.622	178	1672413	45.612	ng	100
72) Anthracene	11.675	178	1700742	46.619	ng	99
73) Carbazole	11.828	167	1509692	42.938	ng	99
74) Di-n-butylphthalate	12.145	149	1868672	48.722	ng	100
75) Fluoranthene	12.816	202	1703310	42.498	ng	99
77) Benzidine	12.927	184	199112	19.300	ng	99
78) Pyrene	13.045	202	1721891	48.684	ng	100
80) Butylbenzylphthalate	13.651	149	681149	60.698	ng	99
81) Benzo(a)anthracene	14.239	228	1366971	47.912	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	294772	34.511	ng	99
83) Chrysene	14.274	228	1271218	47.585	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	934786	66.096	ng	99
85) Di-n-octyl phthalate	14.833	149	1305596	68.594	ng	98
87) Indeno(1,2,3-cd)pyrene	17.457	276	1079580	51.680	ng	99
88) Benzo(b)fluoranthene	15.345	252	1043937	45.665	ng	100
89) Benzo(k)fluoranthene	15.380	252	1062065	48.067	ng	98
90) Benzo(a)pyrene	15.751	252	942647	50.543	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	887813	52.213	ng	99
92) Benzo(g,h,i)perylene	17.957	276	833242	46.746	ng	98

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

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