Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139996.D
Acq On : 24 Oct 2024 12:53
Operator : RC/JU
Sample : PB163997BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163997BS

Quant Time: Oct 24 13:27:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	164356	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	649759	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	360632	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	639356	20.000	ng	0.00
76) Chrysene-d12	14.057	240	326939	20.000	ng	0.00
86) Perylene-d12	15.533	264	331726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1253025	119.350	ng	0.02
7) Phenol-d6	6.516	99	1597939	117.517	ng	0.00
23) Nitrobenzene-d5	7.451	82	1036778	88.436	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	483845	143.436	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1876233	85.984	ng	0.00
79) Terphenyl-d14	12.998	244	1861232	92.765	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	173277	35.399	ng	94
3) Pyridine	3.522	79	455277	37.523	ng	95
4) n-Nitrosodimethylamine	3.475	42	256120	39.289	ng	95
6) Aniline	6.551	93	491259	38.765	ng	99
8) 2-Chlorophenol	6.675	128	489267	45.586	ng	97
9) Benzaldehyde	6.439	77	109758	14.349	ng	97
10) Phenol	6.528	94	603394m	43.043	ng	
11) bis(2-Chloroethyl)ether	6.628	93	464926	42.909	ng	98
12) 1,3-Dichlorobenzene	6.834	146	517040	41.966	ng	99
13) 1,4-Dichlorobenzene	6.910	146	523903	42.563	ng	98
14) 1,2-Dichlorobenzene	7.057	146	501365	43.643	ng	100
15) Benzyl Alcohol	7.028	79	445371	44.652	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	763565	41.329	ng	97
17) 2-Methylphenol	7.134	107	404506	44.199	ng	100
18) Hexachloroethane	7.404	117	188897	43.035	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	348405	42.247	ng	96
20) 3+4-Methylphenols	7.286	107	490963	41.941	ng	93
22) Acetophenone	7.298	105	653644	41.072	ng	98
24) Nitrobenzene	7.469	77	526843	40.988	ng	99
25) Isophorone	7.710	82	964439	43.343	ng	100
26) 2-Nitrophenol	7.786	139	253901	52.361	ng	95
27) 2,4-Dimethylphenol	7.822	122	408162	50.480	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	577596	42.844	ng	100
29) 2,4-Dichlorophenol	8.028	162	405624	44.043	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	425616	41.765	ng	99
31) Naphthalene	8.192	128	1404294	41.906	ng	100
32) Benzoic acid	7.933	122	325934	46.217	ng	97
33) 4-Chloroaniline	8.239	127	249716	21.854	ng	98
34) Hexachlorobutadiene	8.310	225	275369	43.007	ng	99
35) Caprolactam	8.610	113	128289m	43.809	ng	
36) 4-Chloro-3-methylphenol	8.716	107	441744	43.318	ng	98
37) 2-Methylnaphthalene	8.886	142	895364	43.627	ng	100
38) 1-Methylnaphthalene	8.986	142	830913	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	426359	43.822	ng	98
41) Hexachlorocyclopentadiene	9.039	237	529056	156.279	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	318021	46.169	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	313574	44.123	ng		96
46) 1,1'-Biphenyl	9.351	154	1068750	42.571	ng		100
47) 2-Chloronaphthalene	9.375	162	854073	42.239	ng		100
48) 2-Nitroaniline	9.469	65	295283	47.748	ng		95
49) Acenaphthylene	9.792	152	1330459	45.513	ng		99
50) Dimethylphthalate	9.651	163	995981	44.339	ng		100
51) 2,6-Dinitrotoluene	9.710	165	221502	45.542	ng		97
52) Acenaphthene	9.963	154	927084	49.026	ng		100
53) 3-Nitroaniline	9.880	138	152145	30.334	ng		94
54) 2,4-Dinitrophenol	9.986	184	250959	120.584	ng	#	1
55) Dibenzofuran	10.139	168	1174092	43.274	ng		98
56) 4-Nitrophenol	10.033	139	364015	94.334	ng		99
57) 2,4-Dinitrotoluene	10.116	165	297460	49.734	ng		96
58) Fluorene	10.480	166	883193	42.739	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	267025	47.929	ng		96
60) Diethylphthalate	10.351	149	957702	43.423	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	453090	43.416	ng		98
62) 4-Nitroaniline	10.498	138	211635	44.676	ng		97
63) Azobenzene	10.633	77	981853	41.991	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	168789	64.722	ng		92
66) n-Nitrosodiphenylamine	10.592	169	824961	43.111	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	295785	44.907	ng		94
68) Hexachlorobenzene	11.027	284	328495	44.345	ng		96
69) Atrazine	11.116	200	264047	50.939	ng		99
70) Pentachlorophenol	11.216	266	413862	92.056	ng		100
71) Phenanthrene	11.445	178	1297673	42.969	ng		100
72) Anthracene	11.492	178	1319923	44.795	ng		100
73) Carbazole	11.645	167	1145468	41.799	ng		99
74) Di-n-butylphthalate	11.974	149	1368571	43.226	ng		100
75) Fluoranthene	12.627	202	1283184	42.030	ng		100
77) Benzidine	12.745	184	237183	44.119	ng		99
78) Pyrene	12.857	202	1292075	45.149	ng		99
80) Butylbenzylphthalate	13.474	149	418156	48.738	ng		99
81) Benzo(a)anthracene	14.045	228	955747	44.907	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	215172	34.676	ng		100
83) Chrysene	14.080	228	872966	44.736	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	483300	50.208	ng	#	99
85) Di-n-octyl phthalate	14.645	149	778871	44.485	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1103192	51.694	ng		98
88) Benzo(b)fluoranthene	15.098	252	916995	45.379	ng		100
89) Benzo(k)fluoranthene	15.127	252	764805	43.886	ng		100
90) Benzo(a)pyrene	15.468	252	819711	49.299	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	913924	51.335	ng		98
92) Benzo(g,h,i)perylene	17.492	276	867088	48.760	ng		98

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

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