Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042508.D
Acq On : 31 Oct 2023 13:01
Operator : MA/JU
Sample : PB156565BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Quant Time: Nov 01 01:25:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	103401	20.000	ng		0.00
21) Naphthalene-d8	10.745	136	409530	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	225043	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	411177	20.000	ng		0.00
76) Chrysene-d12	21.503	240	299856	20.000	ng		0.00
86) Perylene-d12	23.921	264	277090	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1005865	156.995	ng		0.00
7) Phenol-d6	7.098	99	1276123	145.230	ng		0.00
23) Nitrobenzene-d5	9.128	82	862533	98.181	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	455014	154.865	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	1738888	103.973	ng		0.00
79) Terphenyl-d14	19.939	244	2158181	122.039	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	106102	34.749	ng		98
3) Pyridine	3.752	79	272862	31.152	ng		99
4) n-Nitrosodimethylamine	3.669	42	200336	47.527	ng		90
6) Aniline	7.275	93	366680	32.829	ng		99
8) 2-Chlorophenol	7.487	128	346336	50.132	ng		99
9) Benzaldehyde	7.093	77	40867	8.070	ng		97
10) Phenol	7.128	94	445257	49.894	ng		98
11) bis(2-Chloroethyl)ether	7.369	93	352699	46.717	ng		98
12) 1,3-Dichlorobenzene	7.804	146	361337	48.395	ng		100
13) 1,4-Dichlorobenzene	7.963	146	373958	49.489	ng		98
14) 1,2-Dichlorobenzene	8.275	146	358503	49.140	ng		98
15) Benzyl Alcohol	8.192	79	329185	52.917	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	558123	46.455	ng		98
17) 2-Methylphenol	8.381	107	290586	45.987	ng		98
18) Hexachloroethane	8.986	117	148844	50.342	ng		96
19) n-Nitroso-di-n-propyla...	8.751	70	291011	46.817	ng		98
20) 3+4-Methylphenols	8.716	107	384122	45.468	ng		96
22) Acetophenone	8.781	105	529502	51.266	ng	#	99
24) Nitrobenzene	9.175	77	429365	49.621	ng		97
25) Isophorone	9.686	82	756077	48.624	ng		99
26) 2-Nitrophenol	9.869	139	181768	49.296	ng		98
27) 2,4-Dimethylphenol	9.916	122	268729	45.175	ng		94
28) bis(2-Chloroethoxy)met...	10.169	93	463559	49.484	ng		100
29) 2,4-Dichlorophenol	10.392	162	319185	54.229	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	344349	53.384	ng		99
31) Naphthalene	10.798	128	1036906	49.006	ng		99
32) Benzoic acid	10.086	122	227311	47.070	ng		95
33) 4-Chloroaniline	10.939	127	135459	16.419	ng		98
34) Hexachlorobutadiene	11.022	225	214728	54.829	ng		99
35) Caprolactam	11.798	113	89419	43.239	ng		97
36) 4-Chloro-3-methylphenol	12.045	107	327433	48.882	ng		98
37) 2-Methylnaphthalene	12.398	142	681207	45.715	ng		98
38) 1-Methylnaphthalene	12.622	142	665340	47.437	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	383758	57.081	ng		100
41) Hexachlorocyclopentadiene	12.698	237	504330	121.690	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	244760	56.840	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	264030	51.526	ng	96
46) 1,1'-Biphenyl	13.410	154	909974	52.897	ng	99
47) 2-Chloronaphthalene	13.463	162	680737	53.941	ng	99
48) 2-Nitroaniline	13.704	65	227385	44.973	ng	94
49) Acenaphthylene	14.304	152	1106369	52.935	ng	100
50) Dimethylphthalate	14.045	163	807661	48.018	ng	99
51) 2,6-Dinitrotoluene	14.192	165	171317	49.421	ng	95
52) Acenaphthene	14.639	154	624094	49.201	ng	99
53) 3-Nitroaniline	14.533	138	105691	29.075	ng	99
54) 2,4-Dinitrophenol	14.733	184	227172	91.157	ng	99
55) Dibenzofuran	14.974	168	1012751	49.106	ng	99
56) 4-Nitrophenol	14.833	139	264849	83.725	ng	96
57) 2,4-Dinitrotoluene	14.968	165	229197	43.992	ng	98
58) Fluorene	15.621	166	812914	48.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	219191	50.786	ng	99
60) Diethylphthalate	15.392	149	803937	47.179	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	428327	50.809	ng	97
62) 4-Nitroaniline	15.698	138	132956	39.453	ng	95
63) Azobenzene	15.910	77	914933	48.724	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	128813	48.643	ng	97
66) n-Nitrosodiphenylamine	15.839	169	659583	56.891	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	242755	59.043	ng	98
68) Hexachlorobenzene	16.592	284	274482	60.345	ng	96
69) Atrazine	16.792	200	218950	65.358	ng	99
70) Pentachlorophenol	16.957	266	372031	111.254	ng	98
71) Phenanthrene	17.368	178	1139834	53.046	ng	100
72) Anthracene	17.462	178	1125066	52.861	ng	100
73) Carbazole	17.751	167	943822	54.511	ng	100
74) Di-n-butylphthalate	18.268	149	1291865	53.131	ng	99
75) Fluoranthene	19.380	202	1213417	48.073	ng	99
77) Benzidine	19.598	184	347519	120.821	ng	100
78) Pyrene	19.745	202	1248845	60.653	ng	100
80) Butylbenzylphthalate	20.627	149	510915	58.097	ng	99
81) Benzo(a)anthracene	21.492	228	1018901	53.406	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	328785	54.224	ng	98
83) Chrysene	21.544	228	970904	50.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	741380	55.782	ng	100
85) Di-n-octyl phthalate	22.303	149	1201054	52.501	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	949363	57.566	ng	96
88) Benzo(b)fluoranthene	23.180	252	886834	57.448	ng	100
89) Benzo(k)fluoranthene	23.227	252	866477	50.371	ng	99
90) Benzo(a)pyrene	23.815	252	751361	49.437	ng	98
91) Dibenzo(a,h)anthracene	26.468	278	792219	51.687	ng	97
92) Benzo(g,h,i)perylene	27.244	276	814544	56.040	ng	97

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

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