Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041256.D
Acq On : 03 Aug 2023 10:48
Operator : MA/JU
Sample : PB154308BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB154308BS

Quant Time: Aug 04 01:15:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	125432	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	529462	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	342467	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	764469	20.000	ng		0.00
76) Chrysene-d12	21.427	240	683703	20.000	ng		0.00
86) Perylene-d12	23.797	264	739143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	120421	14.349	ng		0.00
7) Phenol-d6	6.975	99	156440	14.381	ng		0.00
23) Nitrobenzene-d5	8.969	82	99501	8.740	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	71550	14.771	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	240149	8.858	ng		0.00
79) Terphenyl-d14	19.856	244	392147	10.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	16314	4.544	ng		97
3) Pyridine	3.675	79	37812	4.006	ng		94
4) n-Nitrosodimethylamine	3.587	42	19680	4.508	ng	#	97
6) Aniline	7.128	93	57753	4.536	ng		96
8) 2-Chlorophenol	7.357	128	44314	5.409	ng		97
9) Benzaldehyde	6.940	77	27616	4.811	ng		96
10) Phenol	7.004	94	57950	5.515	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	44793	5.267	ng		96
12) 1,3-Dichlorobenzene	7.681	146	48586	5.448	ng		98
13) 1,4-Dichlorobenzene	7.828	146	49349	5.505	ng		97
14) 1,2-Dichlorobenzene	8.145	146	47337	5.508	ng		98
15) Benzyl Alcohol	8.051	79	42445	6.178	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	56290	4.967	ng		93
17) 2-Methylphenol	8.257	107	38546	5.370	ng		98
18) Hexachloroethane	8.863	117	18563	5.562	ng		88
19) n-Nitroso-di-n-propyla...	8.610	70	37150	5.622	ng		95
20) 3+4-Methylphenols	8.587	107	51241	5.339	ng		93
22) Acetophenone	8.628	105	67202	4.792	ng		98
24) Nitrobenzene	9.010	77	51752	4.495	ng		98
25) Isophorone	9.534	82	97880	5.065	ng		99
26) 2-Nitrophenol	9.722	139	23655	5.256	ng		98
27) 2,4-Dimethylphenol	9.786	122	41775	5.275	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	59403	4.907	ng		98
29) 2,4-Dichlorophenol	10.263	162	42849	5.365	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	46120	5.226	ng		98
31) Naphthalene	10.651	128	140575	4.893	ng		99
32) Benzoic acid	9.892	122	26056	10.883	ng		97
33) 4-Chloroaniline	10.781	127	51367	4.474	ng		99
34) Hexachlorobutadiene	10.922	225	28716	5.411	ng		96
35) Caprolactam	11.575	113	13742	5.948	ng		92
36) 4-Chloro-3-methylphenol	11.916	107	46391	5.518	ng		97
37) 2-Methylnaphthalene	12.269	142	97753	5.047	ng		99
38) 1-Methylnaphthalene	12.492	142	91674	5.057	ng		97
40) 1,2,4,5-Tetrachloroben...	12.639	216	52412	4.713	ng		98
41) Hexachlorocyclopentadiene	12.604	237	52053	8.848	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	36230	5.083	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	39718	4.815	ng		98
46) 1,1'-Biphenyl	13.286	154	129073	4.649	ng		98
47) 2-Chloronaphthalene	13.333	162	101298	4.887	ng		98
48) 2-Nitroaniline	13.557	65	30524	4.613	ng		96
49) Acenaphthylene	14.180	152	159911	4.779	ng		100
50) Dimethylphthalate	13.922	163	129515	5.028	ng		99
51) 2,6-Dinitrotoluene	14.057	165	26370	4.940	ng		96
52) Acenaphthene	14.527	154	97156	4.820	ng		99
53) 3-Nitroaniline	14.392	138	24340	6.307	ng		97
54) 2,4-Dinitrophenol	14.610	184	27646	12.945	ng		95
55) Dibenzofuran	14.863	168	161120	4.899	ng		100
56) 4-Nitrophenol	14.727	139	43982	9.887	ng		98
57) 2,4-Dinitrotoluene	14.851	165	35191	7.030	ng		98
58) Fluorene	15.515	166	129416	4.988	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	37333	5.589	ng		96
60) Diethylphthalate	15.292	149	134698	5.407	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	66908	5.146	ng		97
62) 4-Nitroaniline	15.563	138	23201	7.871	ng		97
63) Azobenzene	15.804	77	126253	4.627	ng		96
65) 4,6-Dinitro-2-methylph...	15.621	198	18515	3.998	ng		92
66) n-Nitrosodiphenylamine	15.727	169	109599	4.610	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	41083	4.901	ng		98
68) Hexachlorobenzene	16.515	284	48536	5.208	ng		98
69) Atrazine	16.692	200	40368	6.465	ng		99
70) Pentachlorophenol	16.874	266	57851	8.964	ng		95
71) Phenanthrene	17.262	178	202188	4.760	ng		99
72) Anthracene	17.357	178	200964	4.784	ng		100
73) Carbazole	17.639	167	183145	4.817	ng		99
74) Di-n-butylphthalate	18.192	149	240219	5.591	ng		100
75) Fluoranthene	19.292	202	234239	4.909	ng		97
77) Benzidine	19.498	184	70224	7.536	ng		100
78) Pyrene	19.656	202	245010	5.124	ng		100
80) Butylbenzylphthalate	20.556	149	105415	6.037	ng		98
81) Benzo(a)anthracene	21.409	228	232612	5.019	ng		98
82) 3,3'-Dichlorobenzidine	21.350	252	81846	5.412	ng		99
83) Chrysene	21.462	228	207405	4.626	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	168473	8.294	ng	#	96
85) Di-n-octyl phthalate	22.250	149	258193	5.851	ng		97
87) Indeno(1,2,3-cd)pyrene	26.244	276	243537	4.481	ng		98
88) Benzo(b)fluoranthene	23.074	252	215859	4.916	ng		100
89) Benzo(k)fluoranthene	23.121	252	216624	4.823	ng		98
90) Benzo(a)pyrene	23.691	252	191754	4.545	ng		99
91) Dibenzo(a,h)anthracene	26.262	278	205723	4.539	ng		99
92) Benzo(g,h,i)perylene	26.997	276	199683	4.502	ng		96

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

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