Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
Data File : BM040335.D
Acq On : 21 Jun 2023 15:05
Operator : MA/JU
Sample : PB153484BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB153484BS

Quant Time: Jun 22 04:35:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 15:54:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	260869	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1050855	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	498928	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	825693	20.000	ng		0.00
76) Chrysene-d12	21.521	240	589989	20.000	ng		0.00
86) Perylene-d12	23.938	264	560803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1922253	114.248	ng		0.00
7) Phenol-d6	7.128	99	2377237	103.633	ng		0.00
23) Nitrobenzene-d5	9.133	82	2105616	104.921	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	507522	72.919	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	3830054	105.370	ng		0.00
79) Terphenyl-d14	19.962	244	3805975	125.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	301958	44.936	ng		98
3) Pyridine	3.787	79	821881	42.769	ng		98
4) n-Nitrosodimethylamine	3.693	42	493718	57.306	ng		93
6) Aniline	7.287	93	1066430	37.877	ng		99
8) 2-Chlorophenol	7.528	128	978983	54.678	ng		99
9) Benzaldehyde	7.098	77	498213	39.101	ng		99
10) Phenol	7.157	94	1298576	57.864	ng		98
11) bis(2-Chloroethyl)ether	7.387	93	934131	50.195	ng		100
12) 1,3-Dichlorobenzene	7.851	146	971624	52.562	ng		97
13) 1,4-Dichlorobenzene	7.998	146	990001	52.899	ng		98
14) 1,2-Dichlorobenzene	8.316	146	945622	51.676	ng		99
15) Benzyl Alcohol	8.204	79	860239	52.289	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1283898	49.984	ng		99
17) 2-Methylphenol	8.410	107	814825	49.498	ng		98
18) Hexachloroethane	9.045	117	367372	53.209	ng		96
19) n-Nitroso-di-n-propyla...	8.775	70	716581	46.507	ng		97
20) 3+4-Methylphenols	8.739	107	1092529	48.518	ng		98
22) Acetophenone	8.792	105	1424302	52.070	ng		98
24) Nitrobenzene	9.175	77	1078340	52.353	ng		97
25) Isophorone	9.704	82	1821735	46.720	ng		98
26) 2-Nitrophenol	9.886	139	468949	53.275	ng		96
27) 2,4-Dimethylphenol	9.945	122	847488	51.776	ng		98
28) bis(2-Chloroethoxy)met...	10.186	93	1143581	46.659	ng		99
29) 2,4-Dichlorophenol	10.422	162	766416	49.425	ng		98
30) 1,2,4-Trichlorobenzene	10.639	180	772611	48.892	ng		99
31) Naphthalene	10.827	128	2765064	48.976	ng		100
32) Benzoic acid	10.092	122	578033	45.125	ng		96
33) 4-Chloroaniline	10.939	127	262280	10.386	ng		98
34) Hexachlorobutadiene	11.110	225	408094	45.938	ng		99
35) Caprolactam	11.727	113	231324	42.807	ng		91
36) 4-Chloro-3-methylphenol	12.063	107	839855	46.692	ng		96
37) 2-Methylnaphthalene	12.433	142	1749939	43.719	ng		99
38) 1-Methylnaphthalene	12.651	142	1620649	42.869	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	760309	54.803	ng	#	98
41) Hexachlorocyclopentadiene	12.774	237	991320	129.895	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	503932	52.380	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	542224	47.312	ng	95
46) 1,1'-Biphenyl	13.439	154	2130869	54.109	ng	99
47) 2-Chloronaphthalene	13.480	162	1589979	54.519	ng	99
48) 2-Nitroaniline	13.686	65	525517	54.661	ng	95
49) Acenaphthylene	14.327	152	2492806	51.243	ng	100
50) Dimethylphthalate	14.063	163	1733450	43.662	ng	100
51) 2,6-Dinitrotoluene	14.180	165	367424	45.484	ng	86
52) Acenaphthene	14.668	154	1481656	49.922	ng	100
53) 3-Nitroaniline	14.510	138	242532	25.271	ng	94
54) 2,4-Dinitrophenol	14.715	184	436526	84.266	ng	93
55) Dibenzofuran	14.998	168	2234945	47.604	ng	99
56) 4-Nitrophenol	14.821	139	738966	98.511	ng	93
57) 2,4-Dinitrotoluene	14.968	165	483081	44.375	ng	92
58) Fluorene	15.645	166	1818617	47.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	412730	44.274	ng	95
60) Diethylphthalate	15.421	149	1667462	40.875	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	831898	44.251	ng	95
62) 4-Nitroaniline	15.674	138	418319	42.419	ng	98
63) Azobenzene	15.933	77	1934714	47.226	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	253392	51.186	ng	85
66) n-Nitrosodiphenylamine	15.857	169	1432158	54.965	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	425437	49.218	ng	96
68) Hexachlorobenzene	16.651	284	482483	50.530	ng	95
69) Atrazine	16.804	200	418949	53.726	ng	99
70) Pentachlorophenol	16.998	266	624786	91.267	ng	97
71) Phenanthrene	17.386	178	2400782	52.252	ng	100
72) Anthracene	17.480	178	2394117	51.602	ng	100
73) Carbazole	17.751	167	2220749	50.873	ng	100
74) Di-n-butylphthalate	18.309	149	2387892	44.104	ng	99
75) Fluoranthene	19.398	202	2278158	44.736	ng	99
77) Benzidine	19.586	184	683023	62.339	ng	99
78) Pyrene	19.762	202	2378586	58.773	ng	99
80) Butylbenzylphthalate	20.650	149	915369	49.383	ng	89
81) Benzo(a)anthracene	21.503	228	1995027	49.634	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	385476	28.002	ng	99
83) Chrysene	21.556	228	1861189	48.932	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1238811	44.162	ng	97
85) Di-n-octyl phthalate	22.356	149	2021973	43.153	ng	97
87) Indeno(1,2,3-cd)pyrene	26.462	276	2380422	64.080	ng	98
88) Benzo(b)fluoranthene	23.203	252	1907700	56.831	ng	99
89) Benzo(k)fluoranthene	23.250	252	1834928	53.153	ng	99
90) Benzo(a)pyrene	23.833	252	1612054	50.625	ng	98
91) Dibenzo(a,h)anthracene	26.468	278	1971283	62.400	ng	98
92) Benzo(g,h,i)perylene	27.238	276	1905460	67.391	ng	99

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

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