Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
Data File : BM033335.D
Acq On : 07 Dec 2021 22:39
Operator : CG/JU
Sample : PB141212BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141212BS

Quant Time: Dec 08 02:52:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 02:33:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	72910	20.000	ng		0.00
21) Naphthalene-d8	10.713	136	297864	20.000	ng		0.00
39) Acenaphthene-d10	14.542	164	175633	20.000	ng		0.00
64) Phenanthrene-d10	17.277	188	330403	20.000	ng		0.00
76) Chrysene-d12	21.441	240	310577	20.000	ng		0.00
86) Perylene-d12	23.765	264	328683	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	528588	117.884	ng		0.00
7) Phenol-d6	7.089	99	692064	110.406	ng		0.00
23) Nitrobenzene-d5	9.078	82	527972	76.797	ng		0.00
42) 2,4,6-Tribromophenol	16.030	330	205491	108.570	ng		0.00
45) 2-Fluorobiphenyl	13.166	172	999126	80.040	ng		0.00
79) Terphenyl-d14	19.889	244	1267987	77.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	57137	27.373	ng		97
3) Pyridine	3.807	79	140724	27.022	ng		99
4) n-Nitrosodimethylamine	3.713	42	126020	43.321	ng		91
6) Aniline	7.248	93	280732	39.545	ng		100
8) 2-Chlorophenol	7.484	128	205440	42.920	ng		99
9) Benzaldehyde	7.060	77	129066	32.742	ng		99
10) Phenol	7.119	94	267847	42.734	ng		97
11) bis(2-Chloroethyl)ether	7.336	93	201459	40.927	ng		99
12) 1,3-Dichlorobenzene	7.801	146	226780	41.164	ng		98
13) 1,4-Dichlorobenzene	7.948	146	236373	42.207	ng		99
14) 1,2-Dichlorobenzene	8.266	146	229435	42.086	ng		96
15) Benzyl Alcohol	8.160	79	221619	42.648	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.442	45	374587	42.569	ng		99
17) 2-Methylphenol	8.360	107	178026	41.808	ng		96
18) Hexachloroethane	8.989	117	95090	44.418	ng		97
19) n-Nitroso-di-n-propyla...	8.719	70	183839	41.328	ng		97
20) 3+4-Methylphenols	8.689	107	240011	41.115	ng		99
22) Acetophenone	8.742	105	325259	40.226	ng		99
24) Nitrobenzene	9.119	77	286480	43.389	ng		100
25) Isophorone	9.642	82	445824	41.413	ng		98
26) 2-Nitrophenol	9.825	139	106468	42.814	ng		95
27) 2,4-Dimethylphenol	9.889	122	188253	46.756	ng		98
28) bis(2-Chloroethoxy)met...	10.119	93	265856	39.092	ng		98
29) 2,4-Dichlorophenol	10.366	162	190751	42.295	ng		98
30) 1,2,4-Trichlorobenzene	10.572	180	217702	41.266	ng		99
31) Naphthalene	10.760	128	659010	41.290	ng		99
32) Benzoic acid	10.030	122	105237	36.528	ng		99
33) 4-Chloroaniline	10.877	127	155140	25.008	ng		97
34) Hexachlorobutadiene	11.036	225	136910	41.659	ng		99
35) Caprolactam	11.671	113	51753	52.915	ng		98
36) 4-Chloro-3-methylphenol	12.001	107	216347	39.323	ng		96
37) 2-Methylnaphthalene	12.366	142	462726	42.060	ng		96
38) 1-Methylnaphthalene	12.583	142	430352	39.944	ng		99
40) 1,2,4,5-Tetrachloroben...	12.730	216	228838	45.059	ng	#	98
41) Hexachlorocyclopentadiene	12.707	237	325638	123.327	ng		98
43) 2,4,6-Trichlorophenol	12.977	196	147373	43.107	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.054	196	155751	42.321	ng	99
46) 1,1'-Biphenyl	13.371	154	573644	43.149	ng	99
47) 2-Chloronaphthalene	13.418	162	446284	44.032	ng	100
48) 2-Nitroaniline	13.630	65	157740	43.317	ng	97
49) Acenaphthylene	14.265	152	703001	43.474	ng	99
50) Dimethylphthalate	14.001	163	520479	40.442	ng	99
51) 2,6-Dinitrotoluene	14.118	165	111431	42.975	ng	97
52) Acenaphthene	14.601	154	416539	42.661	ng	97
53) 3-Nitroaniline	14.454	138	77798	27.849	ng	99
54) 2,4-Dinitrophenol	14.660	184	126047	90.390	ng	93
55) Dibenzofuran	14.936	168	666983	40.773	ng	100
56) 4-Nitrophenol	14.771	139	184978	84.530	ng	94
57) 2,4-Dinitrotoluene	14.907	165	150642	42.509	ng	98
58) Fluorene	15.583	166	531932	41.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.165	232	129249	39.630	ng	99
60) Diethylphthalate	15.354	149	520155	39.459	ng	99
61) 4-Chlorophenyl-phenyle...	15.577	204	263683	40.546	ng	99
62) 4-Nitroaniline	15.612	138	112598	37.821	ng	95
63) Azobenzene	15.871	77	608945	40.819	ng	99
65) 4,6-Dinitro-2-methylph...	15.665	198	78504	40.851	ng	97
66) n-Nitrosodiphenylamine	15.795	169	447626	45.623	ng	99
67) 4-Bromophenyl-phenylether	16.471	248	151514	44.415	ng	99
68) Hexachlorobenzene	16.583	284	167021	45.122	ng	98
69) Atrazine	16.742	200	149517	72.256	ng	97
70) Pentachlorophenol	16.930	266	201390	96.934	ng	96
71) Phenanthrene	17.318	178	810343	43.949	ng	99
72) Anthracene	17.412	178	814325	45.290	ng	98
73) Carbazole	17.683	167	725439	40.853	ng	99
74) Di-n-butylphthalate	18.236	149	830865	42.560	ng	100
75) Fluoranthene	19.324	202	889475	42.183	ng	99
77) Benzidine	19.512	184	491733	126.596	ng	99
78) Pyrene	19.689	202	918057	43.058	ng	99
80) Butylbenzylphthalate	20.577	149	373634	42.634	ng	98
81) Benzo(a)anthracene	21.424	228	859016	42.211	ng	99
82) 3,3'-Dichlorobenzidine	21.359	252	278368	29.973	ng	95
83) Chrysene	21.477	228	852524	43.673	ng	100
84) Bis(2-ethylhexyl)phtha...	21.341	149	531870	43.381	ng	98
85) Di-n-octyl phthalate	22.241	149	937377	45.342	ng	100
87) Indeno(1,2,3-cd)pyrene	26.147	276	1026571	43.436	ng	100
88) Benzo(b)fluoranthene	23.059	252	925362	45.016	ng	99
89) Benzo(k)fluoranthene	23.106	252	893469	43.873	ng	99
90) Benzo(a)pyrene	23.665	252	892303	52.068	ng	99
91) Dibenzo(a,h)anthracene	26.159	278	877460	44.122	ng	98
92) Benzo(g,h,i)perylene	26.876	276	885547	45.056	ng	98

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

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