Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033308.D
Acq On : 06 Dec 2021 12:20
Operator : CG/JU
Sample : PB141148BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141148BSD

Quant Time: Dec 06 13:03:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 06 13:01:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.925	152	161489	20.000	ng		0.00
21) Naphthalene-d8	10.719	136	640276	20.000	ng	#	0.00
39) Acenaphthene-d10	14.548	164	361341	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	635604	20.000	ng	#	0.00
76) Chrysene-d12	21.448	240	475464	20.000	ng	#	0.00
86) Perylene-d12	23.777	264	433636	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1336462	136.666	ng		0.00
7) Phenol-d6	7.107	99	1715554	130.989	ng		0.00
23) Nitrobenzene-d5	9.090	82	1190777	86.337	ng		0.00
42) 2,4,6-Tribromophenol	16.036	330	410675	104.260	ng		0.00
45) 2-Fluorobiphenyl	13.172	172	2116538	82.608	ng		0.00
79) Terphenyl-d14	19.895	244	2220019	92.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	148677	35.661	ng	#	78
3) Pyridine	3.813	79	356371	33.650	ng	#	78
4) n-Nitrosodimethylamine	3.725	42	255283	47.462	ng	#	69
6) Aniline	7.254	93	507254	34.396	ng		98
8) 2-Chlorophenol	7.496	128	478623	47.007	ng		96
9) Benzaldehyde	7.072	77	131941	15.045	ng		97
10) Phenol	7.131	94	649791	49.058	ng		91
11) bis(2-Chloroethyl)ether	7.349	93	501326	49.470	ng		96
12) 1,3-Dichlorobenzene	7.813	146	525074	43.890	ng		96
13) 1,4-Dichlorobenzene	7.960	146	539111	44.050	ng		99
14) 1,2-Dichlorobenzene	8.278	146	514950	44.055	ng		99
15) Benzyl Alcohol	8.172	79	472749	46.382	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.448	45	862126	48.000	ng		94
17) 2-Methylphenol	8.378	107	413832	47.330	ng		94
18) Hexachloroethane	9.001	117	209752	47.204	ng		95
19) n-Nitroso-di-n-propyla...	8.731	70	413612	47.497	ng		93
20) 3+4-Methylphenols	8.701	107	554157	46.791	ng		96
22) Acetophenone	8.748	105	733898	44.538	ng	#	94
24) Nitrobenzene	9.131	77	618511	46.551	ng		98
25) Isophorone	9.654	82	1000377	46.380	ng		98
26) 2-Nitrophenol	9.837	139	241974	48.825	ng	#	86
27) 2,4-Dimethylphenol	9.901	122	431315	50.961	ng		98
28) bis(2-Chloroethoxy)met...	10.131	93	617550	43.948	ng		99
29) 2,4-Dichlorophenol	10.378	162	413360	43.115	ng		97
30) 1,2,4-Trichlorobenzene	10.584	180	463511	40.732	ng		98
31) Naphthalene	10.772	128	1470359	43.535	ng		100
32) Benzoic acid	10.048	122	263774	48.031	ng		94
33) 4-Chloroaniline	10.889	127	133629	10.288	ng		99
34) Hexachlorobutadiene	11.048	225	274067	38.961	ng		98
35) Caprolactam	11.678	113	121734	66.334	ng		90
36) 4-Chloro-3-methylphenol	12.013	107	457242	41.951	ng		95
37) 2-Methylnaphthalene	12.378	142	997445	43.379	ng		95
38) 1-Methylnaphthalene	12.595	142	921115	41.060	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.742	216	463295	42.719	ng		98
41) Hexachlorocyclopentadiene	12.719	237	556638	103.382	ng		98
43) 2,4,6-Trichlorophenol	12.989	196	301136	43.466	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	318925	42.018	ng		95
46) 1,1'-Biphenyl	13.383	154	1183612	43.565	ng		98
47) 2-Chloronaphthalene	13.430	162	922836	44.454	ng		98
48) 2-Nitroaniline	13.636	65	322288	48.030	ng		98
49) Acenaphthylene	14.272	152	1462069	45.096	ng		99
50) Dimethylphthalate	14.007	163	1043213	40.622	ng		99
51) 2,6-Dinitrotoluene	14.130	165	226674	44.090	ng	#	77
52) Acenaphthene	14.613	154	859995	43.168	ng		98
53) 3-Nitroaniline	14.460	138	131956	24.086	ng		99
54) 2,4-Dinitrophenol	14.666	184	254191	94.095	ng	#	73
55) Dibenzofuran	14.948	168	1344490	40.586	ng		93
56) 4-Nitrophenol	14.783	139	386162	87.946	ng	#	83
57) 2,4-Dinitrotoluene	14.913	165	305990	45.434	ng	#	71
58) Fluorene	15.595	166	1051267	40.527	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.172	232	255490	38.475	ng	#	86
60) Diethylphthalate	15.366	149	1007697	39.549	ng		96
61) 4-Chlorophenyl-phenyle...	15.589	204	513564	38.825	ng		91
62) 4-Nitroaniline	15.624	138	231548	40.756	ng	#	75
63) Azobenzene	15.877	77	1231174	43.648	ng		91
65) 4,6-Dinitro-2-methylph...	15.672	198	151326	45.966	ng		90
66) n-Nitrosodiphenylamine	15.801	169	880589	47.223	ng		98
67) 4-Bromophenyl-phenylether	16.477	248	294185	44.276	ng		94
68) Hexachlorobenzene	16.589	284	313773	43.025	ng	#	87
69) Atrazine	16.748	200	275856	70.809	ng		96
70) Pentachlorophenol	16.936	266	374330	87.108	ng		98
71) Phenanthrene	17.330	178	1539281	44.058	ng		100
72) Anthracene	17.418	178	1564094	46.406	ng		100
73) Carbazole	17.695	167	1359378	40.541	ng		98
74) Di-n-butylphthalate	18.242	149	1520024	43.640	ng		99
75) Fluoranthene	19.336	202	1569143	39.083	ng		96
77) Benzidine	19.524	184	376833	70.492	ng		99
78) Pyrene	19.695	202	1598751	51.081	ng		99
80) Butylbenzylphthalate	20.583	149	586448	50.093	ng		95
81) Benzo(a)anthracene	21.430	228	1328874	43.544	ng		99
82) 3,3'-Dichlorobenzidine	21.365	252	393063	28.516	ng		98
83) Chrysene	21.483	228	1311942	44.133	ng		100
84) Bis(2-ethylhexyl)phtha...	21.353	149	798046	48.407	ng		95
85) Di-n-octyl phthalate	22.253	149	1288308	46.021	ng		100
87) Indeno(1,2,3-cd)pyrene	26.165	276	1365838	45.875	ng	#	94
88) Benzo(b)fluoranthene	23.071	252	1256108	47.693	ng	#	98
89) Benzo(k)fluoranthene	23.118	252	1223844	46.311	ng	#	97
90) Benzo(a)pyrene	23.677	252	1207847	54.758	ng	#	98
91) Dibenzo(a,h)anthracene	26.177	278	1167632	46.837	ng	#	95
92) Benzo(g,h,i)perylene	26.894	276	1191467	47.916	ng	#	94

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

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