Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041915.D
Acq On : 19 Sep 2023 22:39
Operator : MA/JU
Sample : PB155451BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 02:12:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB155451BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	292747	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1214431	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	728056	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1465385	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1218985	20.000	ng		-0.01
86) Perylene-d12	23.950	264	1218362	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1943097	110.554	ng		0.00
7) Phenol-d6	7.110	99	2555840	104.731	ng		0.00
23) Nitrobenzene-d5	9.157	82	2361611	99.011	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	906929	99.839	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	4951302	99.819	ng		0.00
79) Terphenyl-d14	19.974	244	7153050	106.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	257430	35.909	ng		98
3) Pyridine	3.816	79	751102	33.727	ng		99
4) n-Nitrosodimethylamine	3.740	42	492230	46.499	ng		97
6) Aniline	7.304	93	1250599	38.680	ng		100
8) 2-Chlorophenol	7.522	128	1031490	52.713	ng		98
9) Benzaldehyde	7.122	77	323359	23.438	ng		99
10) Phenol	7.140	94	1338865	53.449	ng		99
11) bis(2-Chloroethyl)ether	7.399	93	992833	47.515	ng		98
12) 1,3-Dichlorobenzene	7.846	146	1023347	48.978	ng		99
13) 1,4-Dichlorobenzene	7.998	146	1050387	49.476	ng		99
14) 1,2-Dichlorobenzene	8.310	146	1021836	50.072	ng		98
15) Benzyl Alcohol	8.216	79	951935	49.410	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1534063	48.005	ng		98
17) 2-Methylphenol	8.398	107	881838	48.413	ng		99
18) Hexachloroethane	9.034	117	388608	48.697	ng		99
19) n-Nitroso-di-n-propyla...	8.781	70	830431	45.777	ng		98
20) 3+4-Methylphenols	8.728	107	1189945	47.595	ng		97
22) Acetophenone	8.810	105	1503013	49.508	ng	#	100
24) Nitrobenzene	9.204	77	1181736	49.916	ng		100
25) Isophorone	9.710	82	2237040	47.519	ng		100
26) 2-Nitrophenol	9.898	139	551485	51.719	ng		100
27) 2,4-Dimethylphenol	9.934	122	950155	49.546	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1365114	49.614	ng		100
29) 2,4-Dichlorophenol	10.416	162	995297	53.630	ng		99
30) 1,2,4-Trichlorobenzene	10.634	180	974356	51.137	ng		98
31) Naphthalene	10.834	128	2979535	48.734	ng		100
32) Benzoic acid	10.087	122	745481	49.338	ng		99
33) 4-Chloroaniline	10.957	127	671049	24.523	ng		99
34) Hexachlorobutadiene	11.063	225	574188	49.337	ng		100
35) Caprolactam	11.798	113	309051m	46.593	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1038618	50.217	ng		98
37) 2-Methylnaphthalene	12.433	142	2079569	46.261	ng		99
38) 1-Methylnaphthalene	12.657	142	1996816	47.297	ng		100
40) 1,2,4,5-Tetrachloroben...	12.786	216	1078242	51.067	ng		100
41) Hexachlorocyclopentadiene	12.739	237	1365719	115.034	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	773534	53.833	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	834131	49.601	ng	98
46) 1,1'-Biphenyl	13.445	154	2721782	50.669	ng	100
47) 2-Chloronaphthalene	13.492	162	2062863	52.732	ng	100
48) 2-Nitroaniline	13.722	65	712713	50.986	ng	99
49) Acenaphthylene	14.339	152	3385429	52.146	ng	99
50) Dimethylphthalate	14.075	163	2646168	49.163	ng	99
51) 2,6-Dinitrotoluene	14.210	165	573106	50.244	ng	98
52) Acenaphthene	14.675	154	1951991	49.990	ng	99
53) 3-Nitroaniline	14.551	138	460134	36.041	ng	99
54) 2,4-Dinitrophenol	14.751	184	727062	102.061	ng	97
55) Dibenzofuran	15.010	168	3109838	49.338	ng	99
56) 4-Nitrophenol	14.839	139	1043641	103.072	ng	98
57) 2,4-Dinitrotoluene	14.998	165	766700	50.805	ng	98
58) Fluorene	15.663	166	2455287	49.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	710422	51.468	ng	99
60) Diethylphthalate	15.422	149	2602621	48.610	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1285778	49.321	ng	97
62) 4-Nitroaniline	15.721	138	572177	46.606	ng	99
63) Azobenzene	15.945	77	2685189	49.470	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	443034	52.650	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2185624	52.809	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	763962	50.591	ng	99
68) Hexachlorobenzene	16.633	284	889381	55.626	ng	98
69) Atrazine	16.816	200	773153	59.906	ng	99
70) Pentachlorophenol	16.992	266	1068870	88.482	ng	99
71) Phenanthrene	17.410	178	3828667	52.388	ng	100
72) Anthracene	17.498	178	3903775	52.363	ng	100
73) Carbazole	17.780	167	3592508	52.553	ng	99
74) Di-n-butylphthalate	18.298	149	4530295	51.621	ng	100
75) Fluoranthene	19.415	202	4372625	50.963	ng	100
77) Benzidine	19.615	184	1408880	56.623	ng	99
78) Pyrene	19.780	202	4524760	53.346	ng	100
80) Butylbenzylphthalate	20.656	149	1952656	51.761	ng	96
81) Benzo(a)anthracene	21.521	228	4125463	51.891	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1277138	45.614	ng	99
83) Chrysene	21.574	228	3762796	50.494	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2857286	51.055	ng	100
85) Di-n-octyl phthalate	22.327	149	4869340	51.689	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3894153	53.532	ng	100
88) Benzo(b)fluoranthene	23.209	252	3847659	54.092	ng	100
89) Benzo(k)fluoranthene	23.262	252	3674346	52.273	ng	100
90) Benzo(a)pyrene	23.844	252	3267113	48.948	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	3270338	53.926	ng	100
92) Benzo(g,h,i)perylene	27.250	276	3080169	53.157	ng	100

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

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