Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035885.D
Acq On : 21 Jul 2022 12:08
Operator : CG/JU
Sample : PB146339BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 01:07:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146339BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

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07/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	405133	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1735036	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	953065	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1658058	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1107451	20.000	ng		0.00
86) Perylene-d12	23.815	264	988516	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	3431832	131.324	ng		0.00
7) Phenol-d6	7.069	99	4287832	130.483	ng		0.00
23) Nitrobenzene-d5	9.069	82	2612466	80.531	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1307839	122.680	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	5664742	84.015	ng		0.00
79) Terphenyl-d14	19.892	244	6070491	106.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	293605	27.182	ng		95
3) Pyridine	3.728	79	870802	30.334	ng		89
4) n-Nitrosodimethylamine	3.640	42	479577	39.975	ng	#	70
6) Aniline	7.222	93	1626055	45.059	ng		96
8) 2-Chlorophenol	7.457	128	1192523	44.161	ng		97
9) Benzaldehyde	7.034	77	629818	34.115	ng		96
10) Phenol	7.093	94	1521086	45.961	ng		92
11) bis(2-Chloroethyl)ether	7.322	93	1138482	42.635	ng		97
12) 1,3-Dichlorobenzene	7.787	146	1189244	39.483	ng		98
13) 1,4-Dichlorobenzene	7.934	146	1224172	39.917	ng		100
14) 1,2-Dichlorobenzene	8.251	146	1199258	40.431	ng		99
15) Benzyl Alcohol	8.145	79	968047m	44.709	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1535620	44.171	ng		97
17) 2-Methylphenol	8.345	107	982149	45.711	ng		95
18) Hexachloroethane	8.981	117	453961	41.146	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	864981	45.402	ng		89
20) 3+4-Methylphenols	8.675	107	1310723	45.136	ng		96
22) Acetophenone	8.728	105	1741967	40.624	ng	#	93
24) Nitrobenzene	9.110	77	1267612	41.602	ng		98
25) Isophorone	9.634	82	2341439	46.138	ng		99
26) 2-Nitrophenol	9.816	139	563146	41.030	ng		93
27) 2,4-Dimethylphenol	9.881	122	1079242	49.848	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	1490469	42.197	ng		99
29) 2,4-Dichlorophenol	10.351	162	1042573	43.431	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	1062765	38.362	ng		98
31) Naphthalene	10.751	128	3604325	40.886	ng		99
32) Benzoic acid	10.034	122	639348	39.045	ng		95
33) 4-Chloroaniline	10.869	127	1243469	35.259	ng		96
34) Hexachlorobutadiene	11.039	225	613174	38.564	ng		98
35) Caprolactam	11.657	113	303513	41.343	ng		98
36) 4-Chloro-3-methylphenol	11.992	107	1091636	44.348	ng		99
37) 2-Methylnaphthalene	12.363	142	2461498	42.922	ng		99
38) 1-Methylnaphthalene	12.581	142	2349046	42.082	ng		98
40) 1,2,4,5-Tetrachloroben...	12.728	216	1145272	42.060	ng		98
41) Hexachlorocyclopentadiene	12.710	237	1611027	109.770	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	768820	42.715	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	815435	42.968	ng	97
46) 1,1'-Biphenyl	13.375	154	3103113	42.801	ng	99
47) 2-Chloronaphthalene	13.410	162	2358641	42.326	ng	98
48) 2-Nitroaniline	13.616	65	676515	44.057	ng	97
49) Acenaphthylene	14.257	152	3738302	43.568	ng	100
50) Dimethylphthalate	13.998	163	2647243	42.199	ng	99
51) 2,6-Dinitrotoluene	14.116	165	587723	44.804	ng	94
52) Acenaphthene	14.598	154	2218584	43.163	ng	99
53) 3-Nitroaniline	14.439	138	510604	32.330	ng	95
54) 2,4-Dinitrophenol	14.645	184	565035	87.415	ng	90
55) Dibenzofuran	14.927	168	3424438	41.583	ng	98
56) 4-Nitrophenol	14.751	139	1055107	85.145	ng	87
57) 2,4-Dinitrotoluene	14.898	165	764632	44.541	ng	98
58) Fluorene	15.574	166	2771724	42.866	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	636304	41.713	ng	98
60) Diethylphthalate	15.357	149	2595710	41.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	1325365	42.128	ng	97
62) 4-Nitroaniline	15.604	138	629501	38.926	ng	90
63) Azobenzene	15.869	77	2708995	42.443	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	322022	38.676	ng	95
66) n-Nitrosodiphenylamine	15.786	169	2258982	46.398	ng	100
67) 4-Bromophenyl-phenylether	16.463	248	753549	45.210	ng	97
68) Hexachlorobenzene	16.568	284	876794	45.315	ng	96
69) Atrazine	16.739	200	675009	52.761	ng	98
70) Pentachlorophenol	16.916	266	1019470	94.952	ng	98
71) Phenanthrene	17.310	178	3800114	43.567	ng	99
72) Anthracene	17.404	178	3807876	44.913	ng	99
73) Carbazole	17.674	167	3418802	39.753	ng	100
74) Di-n-butylphthalate	18.245	149	3686336	42.099	ng	99
75) Fluoranthene	19.321	202	3721267	39.251	ng	98
77) Benzidine	19.509	184	1873328	96.347	ng	99
78) Pyrene	19.686	202	3780317	52.206	ng	99
80) Butylbenzylphthalate	20.592	149	1182327	45.740	ng	99
81) Benzo(a)anthracene	21.427	228	3089815	44.075	ng	98
82) 3,3'-Dichlorobenzidine	21.362	252	879612	53.565	ng	99
83) Chrysene	21.480	228	2905085	43.427	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1619708	44.456	ng	99
85) Di-n-octyl phthalate	22.286	149	2296683	39.734	ng	97
87) Indeno(1,2,3-cd)pyrene	26.291	276	3378694	46.779	ng	98
88) Benzo(b)fluoranthene	23.092	252	2946993	50.083	ng	98
89) Benzo(k)fluoranthene	23.145	252	2812367	46.185	ng	99
90) Benzo(a)pyrene	23.715	252	2509380	50.102	ng	99
91) Dibenzo(a,h)anthracene	26.309	278	2940633	48.994	ng	98
92) Benzo(g,h,i)perylene	27.050	276	2978137	50.315	ng	98

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

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