Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039415.D
Acq On : 13 Apr 2023 17:36
Operator : CG/JU
Sample : 02262-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JPP-2-040723MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Quant Time: Apr 13 18:27:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	169781	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	674727	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	400112	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	840029	20.000	ng		0.00
76) Chrysene-d12	21.457	240	816131	20.000	ng		0.00
86) Perylene-d12	23.839	264	918215	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1372144	121.761	ng		0.02
7) Phenol-d6	7.063	99	1629059	111.765	ng		0.03
23) Nitrobenzene-d5	9.028	82	1178715	84.906	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	682545	134.385	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	2417088	81.851	ng		0.00
79) Terphenyl-d14	19.892	244	4035845	91.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	178550	38.763	ng	#	30
3) Pyridine	3.699	79	337040	26.119	ng		97
4) n-Nitrosodimethylamine	3.599	42	213334	42.095	ng		99
6) Aniline	7.187	93	390835	21.665	ng		98
8) 2-Chlorophenol	7.428	128	520541	45.131	ng		98
9) Benzaldehyde	6.999	77	228966	27.584	ng		98
10) Phenol	7.087	94	584252	39.998	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	535691	45.587	ng		99
12) 1,3-Dichlorobenzene	7.740	146	540923	44.222	ng		99
13) 1,4-Dichlorobenzene	7.893	146	548603	44.355	ng		100
14) 1,2-Dichlorobenzene	8.210	146	537090	45.413	ng		98
15) Benzyl Alcohol	8.116	79	482520	48.131	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	709503m	47.205	ng		
17) 2-Methylphenol	8.334	107	432947	42.365	ng		99
18) Hexachloroethane	8.934	117	209241	43.734	ng		98
19) n-Nitroso-di-n-propyla...	8.675	70	422173	45.310	ng		99
20) 3+4-Methylphenols	8.663	107	583663	42.502	ng		96
22) Acetophenone	8.693	105	815874	45.225	ng	#	99
24) Nitrobenzene	9.075	77	598213	43.322	ng		100
25) Isophorone	9.599	82	1169285	45.148	ng		99
26) 2-Nitrophenol	9.787	139	278824	43.681	ng		98
27) 2,4-Dimethylphenol	9.863	122	485410	45.769	ng		98
28) bis(2-Chloroethoxy)met...	10.087	93	694515	44.300	ng		100
29) 2,4-Dichlorophenol	10.334	162	487197	47.082	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	494755	44.692	ng		98
31) Naphthalene	10.716	128	1605399	44.157	ng		100
32) Benzoic acid	10.034	122	310616	37.577	ng		98
33) 4-Chloroaniline	10.851	127	174151	10.934	ng		99
34) Hexachlorobutadiene	10.993	225	281683	43.273	ng		100
35) Caprolactam	11.646	113	141350	39.341	ng		95
36) 4-Chloro-3-methylphenol	11.993	107	545959	47.821	ng		97
37) 2-Methylnaphthalene	12.334	142	1093678	43.212	ng		99
38) 1-Methylnaphthalene	12.551	142	1030202	43.471	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	554224	45.495	ng		99
41) Hexachlorocyclopentadiene	12.675	237	663229	99.656	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	386560	46.529	ng		100

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44) 2,4,5-Trichlorophenol	13.040	196	427088	43.851	ng	98
46) 1,1'-Biphenyl	13.345	154	1466048	46.400	ng	99
47) 2-Chloronaphthalene	13.387	162	1096852	45.848	ng	99
48) 2-Nitroaniline	13.610	65	360734	44.808	ng	99
49) Acenaphthylene	14.234	152	1791362	45.559	ng	100
50) Dimethylphthalate	13.981	163	1425539	46.231	ng	99
51) 2,6-Dinitrotoluene	14.104	165	310524	46.829	ng	98
52) Acenaphthene	14.575	154	1062887	45.780	ng	100
53) 3-Nitroaniline	14.439	138	208839	27.243	ng	94
54) 2,4-Dinitrophenol	14.645	184	387993	98.802	ng	99
55) Dibenzofuran	14.916	168	1677070	44.867	ng	99
56) 4-Nitrophenol	14.786	139	481764	81.500	ng	98
57) 2,4-Dinitrotoluene	14.892	165	438502	48.884	ng	92
58) Fluorene	15.563	166	1370271	46.295	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	368480	47.557	ng	100
60) Diethylphthalate	15.339	149	1444587	46.544	ng	100
61) 4-Chlorophenyl-phenyle...	15.557	204	664422	45.294	ng	98
62) 4-Nitroaniline	15.604	138	321648m	40.888	ng	
63) Azobenzene	15.851	77	1435641	46.169	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	256250	46.369	ng	96
66) n-Nitrosodiphenylamine	15.781	169	1198256	45.267	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	402388	44.854	ng	98
68) Hexachlorobenzene	16.563	284	465694	47.876	ng	96
69) Atrazine	16.733	200	416992	49.737	ng	100
70) Pentachlorophenol	16.922	266	620300	88.883	ng	99
71) Phenanthrene	17.304	178	2151639	46.768	ng	100
72) Anthracene	17.398	178	2183132	46.537	ng	100
73) Carbazole	17.680	167	2099724	47.900	ng	99
74) Di-n-butylphthalate	18.233	149	2666330	49.172	ng	99
75) Fluoranthene	19.327	202	2553331	48.686	ng	100
77) Benzidine	19.521	184	395998	18.396	ng	99
78) Pyrene	19.692	202	2768343	47.648	ng	100
80) Butylbenzylphthalate	20.586	149	1238907	46.545	ng	96
81) Benzo(a)anthracene	21.439	228	2615681	45.444	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	716182	37.351	ng	99
83) Chrysene	21.492	228	2546752	45.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	1858416	47.274	ng	100
85) Di-n-octyl phthalate	22.280	149	3229849	45.603	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	3151272	46.579	ng	100
88) Benzo(b)fluoranthene	23.115	252	2845583	50.648	ng	99
89) Benzo(k)fluoranthene	23.162	252	2750239	48.057	ng	99
90) Benzo(a)pyrene	23.733	252	2458733	44.548	ng	100
91) Dibenzo(a,h)anthracene	26.333	278	2636377	46.409	ng	100
92) Benzo(g,h,i)perylene	27.080	276	2585191	46.274	ng	99

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

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