Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036032.D
Acq On : 01 Aug 2022 15:39
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Quant Time: Aug 01 16:13:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 15:55:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	372271	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1515627	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	903307	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1800478	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1708911	20.000	ng		0.00
86) Perylene-d12	23.797	264	1730099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2282378	95.048	ng		0.00
7) Phenol-d6	7.045	99	2961077	98.062	ng		0.00
23) Nitrobenzene-d5	9.045	82	2781717	98.162	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1118475	110.696	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	6058089	94.798	ng		0.00
79) Terphenyl-d14	19.874	244	8714496	99.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	458158	46.160	ng	#	92
3) Pyridine	3.710	79	1241978m	47.083	ng		
4) n-Nitrosodimethylamine	3.622	42	511362	46.387	ng	#	61
6) Aniline	7.204	93	1642762	49.540	ng		94
8) 2-Chlorophenol	7.434	128	1225037	49.370	ng		96
9) Benzaldehyde	7.010	77	744879	43.909	ng		96
10) Phenol	7.069	94	1495491	49.176	ng		90
11) bis(2-Chloroethyl)ether	7.304	93	1212522	49.416	ng		96
12) 1,3-Dichlorobenzene	7.757	146	1329832	48.048	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1366623	48.496	ng		98
14) 1,2-Dichlorobenzene	8.222	146	1317631	48.343	ng		99
15) Benzyl Alcohol	8.122	79	1016009	51.066	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1609465	50.381	ng		96
17) 2-Methylphenol	8.322	107	990451	50.166	ng		95
18) Hexachloroethane	8.951	117	498402	49.162	ng		96
19) n-Nitroso-di-n-propyla...	8.692	70	904637	51.675	ng	#	88
20) 3+4-Methylphenols	8.657	107	1355380	50.794	ng		96
22) Acetophenone	8.704	105	1822662	48.659	ng	#	92
24) Nitrobenzene	9.086	77	1305142	49.035	ng		96
25) Isophorone	9.616	82	2286808	51.585	ng		98
26) 2-Nitrophenol	9.792	139	646712	53.939	ng		92
27) 2,4-Dimethylphenol	9.857	122	961369	50.831	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	1573100	50.983	ng		99
29) 2,4-Dichlorophenol	10.328	162	1088964	51.931	ng		98
30) 1,2,4-Trichlorobenzene	10.539	180	1192058	49.258	ng		99
31) Naphthalene	10.727	128	3782758	49.122	ng		99
32) Benzoic acid	10.022	122	833355	58.261	ng		93
33) 4-Chloroaniline	10.845	127	1559955	50.637	ng		95
34) Hexachlorobutadiene	11.010	225	701464	50.504	ng		98
35) Caprolactam	11.657	113	353239	55.082	ng		91
36) 4-Chloro-3-methylphenol	11.969	107	1147552	53.369	ng		99
37) 2-Methylnaphthalene	12.339	142	2543357	50.770	ng		98
38) 1-Methylnaphthalene	12.557	142	2479123	50.842	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1241416	48.102	ng		99
41) Hexachlorocyclopentadiene	12.680	237	681615	49.001	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	869018	50.942	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	919770	51.136	ng	98
46) 1,1'-Biphenyl	13.351	154	3288432	47.856	ng	99
47) 2-Chloronaphthalene	13.392	162	2526177	47.830	ng	99
48) 2-Nitroaniline	13.598	65	744524	51.157	ng	91
49) Acenaphthylene	14.233	152	3959925	48.693	ng	99
50) Dimethylphthalate	13.980	163	3100803	52.152	ng	99
51) 2,6-Dinitrotoluene	14.098	165	654266	52.624	ng	91
52) Acenaphthene	14.574	154	2601885m	53.408	ng	
53) 3-Nitroaniline	14.427	138	781079	52.180	ng	95
54) 2,4-Dinitrophenol	14.627	184	375465	61.287	ng	92
55) Dibenzofuran	14.910	168	3811785	48.836	ng	98
56) 4-Nitrophenol	14.733	139	629040	53.558	ng	85
57) 2,4-Dinitrotoluene	14.880	165	890031	54.702	ng	98
58) Fluorene	15.557	166	3030860	49.456	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	771666	53.373	ng	97
60) Diethylphthalate	15.339	149	3228591	54.801	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1525216	51.151	ng	96
62) 4-Nitroaniline	15.586	138	816047	53.241	ng	91
63) Azobenzene	15.845	77	3091432	51.103	ng	93
65) 4,6-Dinitro-2-methylph...	15.639	198	526257	58.206	ng	93
66) n-Nitrosodiphenylamine	15.768	169	2598931	49.158	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	924091	51.056	ng	94
68) Hexachlorobenzene	16.551	284	1052733	50.104	ng	94
69) Atrazine	16.721	200	712741	51.304	ng	97
70) Pentachlorophenol	16.898	266	651678	55.895	ng	99
71) Phenanthrene	17.292	178	4620231	48.780	ng	99
72) Anthracene	17.386	178	4556416	49.491	ng	98
73) Carbazole	17.656	167	4599501	49.251	ng	99
74) Di-n-butylphthalate	18.221	149	5626123	59.169	ng	99
75) Fluoranthene	19.303	202	5258550	51.078	ng	98
77) Benzidine	19.492	184	1059622	35.317	ng	99
78) Pyrene	19.668	202	5393963	48.273	ng	99
80) Butylbenzylphthalate	20.574	149	2458881	61.646	ng	97
81) Benzo(a)anthracene	21.415	228	5356497	49.516	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1308533	51.639	ng	99
83) Chrysene	21.468	228	5060024	49.019	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	3666925	65.223	ng	97
85) Di-n-octyl phthalate	22.262	149	5967747	66.908	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	6211336	49.137	ng	99
88) Benzo(b)fluoranthene	23.080	252	5246575	50.945	ng	98
89) Benzo(k)fluoranthene	23.127	252	5107717	47.926	ng	98
90) Benzo(a)pyrene	23.691	252	4365253	49.798	ng	98
91) Dibenzo(a,h)anthracene	26.279	278	5205045	49.550	ng	98
92) Benzo(g,h,i)perylene	27.021	276	5023942	48.496	ng	99

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

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