Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042722\
Data File : BM034855.D
Acq On : 27 Apr 2022 16:23
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 28 01:12:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:07:19 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	198833	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	749910	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	461686	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	930113	20.000	ng		0.00
76) Chrysene-d12	21.480	240	916042	20.000	ng		0.00
86) Perylene-d12	23.874	264	921059	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1108677	100.030	ng		0.00
7) Phenol-d6	7.098	99	1437894	90.611	ng		0.00
23) Nitrobenzene-d5	9.092	82	1412811	91.725	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	524038	84.211	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	3154349	93.362	ng		0.00
79) Terphenyl-d14	19.927	244	4743663	89.981	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	220713m	44.014	ng		
3) Pyridine	3.799	79	625933m	46.127	ng		
4) n-Nitrosodimethylamine	3.710	42	315696	48.997	ng		97
6) Aniline	7.257	93	827592	45.636	ng		99
8) 2-Chlorophenol	7.498	128	611909	47.202	ng		97
9) Benzaldehyde	7.069	77	440521	51.526	ng		97
10) Phenol	7.122	94	730100	46.259	ng		100
11) bis(2-Chloroethyl)ether	7.357	93	552775	42.671	ng		97
12) 1,3-Dichlorobenzene	7.822	146	688022	46.789	ng		98
13) 1,4-Dichlorobenzene	7.969	146	709661	47.141	ng		99
14) 1,2-Dichlorobenzene	8.287	146	670264	45.673	ng		99
15) Benzyl Alcohol	8.169	79	543092	43.004	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	870994	48.994	ng		99
17) 2-Methylphenol	8.375	107	499371	45.177	ng		99
18) Hexachloroethane	9.016	117	263882	47.526	ng		97
19) n-Nitroso-di-n-propyla...	8.745	70	472878	41.197	ng		99
20) 3+4-Methylphenols	8.704	107	689407	45.097	ng		99
22) Acetophenone	8.751	105	907364	47.149	ng	#	99
24) Nitrobenzene	9.134	77	698684	48.585	ng		100
25) Isophorone	9.663	82	1192638	46.272	ng		99
26) 2-Nitrophenol	9.845	139	324049	50.813	ng		99
27) 2,4-Dimethylphenol	9.910	122	478243	47.892	ng		98
28) bis(2-Chloroethoxy)met...	10.145	93	669904	40.596	ng		100
29) 2,4-Dichlorophenol	10.381	162	574468	49.513	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	630575	47.812	ng		98
31) Naphthalene	10.786	128	1926427	49.309	ng		100
32) Benzoic acid	10.045	122	406525	49.230	ng		99
33) 4-Chloroaniline	10.892	127	795867	51.642	ng		98
34) Hexachlorobutadiene	11.081	225	394213	47.191	ng		97
35) Caprolactam	11.675	113	176514	43.765	ng		99
36) 4-Chloro-3-methylphenol	12.016	107	595878	44.816	ng		99
37) 2-Methylnaphthalene	12.392	142	1353720	48.559	ng		100
38) 1-Methylnaphthalene	12.616	142	1320116	48.409	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	659853	47.360	ng		99
41) Hexachlorocyclopentadiene	12.751	237	408449	50.630	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	459061	47.724	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	511718	49.562	ng	98
46) 1,1'-Biphenyl	13.404	154	1715292	48.726	ng	99
47) 2-Chloronaphthalene	13.445	162	1349558	49.945	ng	99
48) 2-Nitroaniline	13.639	65	414272	50.148	ng	99
49) Acenaphthylene	14.286	152	2100888	49.884	ng	100
50) Dimethylphthalate	14.027	163	1721289	48.985	ng	99
51) 2,6-Dinitrotoluene	14.139	165	363406	50.421	ng	95
52) Acenaphthene	14.627	154	1417445m	49.966	ng	
53) 3-Nitroaniline	14.463	138	396963	54.897	ng	98
54) 2,4-Dinitrophenol	14.669	184	218493	54.108	ng	96
55) Dibenzofuran	14.963	168	1986027	46.978	ng	100
56) 4-Nitrophenol	14.763	139	329156	56.150	ng	98
57) 2,4-Dinitrotoluene	14.921	165	504918	51.827	ng	99
58) Fluorene	15.610	166	1682092	49.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	432057	46.406	ng	100
60) Diethylphthalate	15.386	149	1782537	49.445	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	801837	45.761	ng	100
62) 4-Nitroaniline	15.621	138	419349	60.285	ng	98
63) Azobenzene	15.898	77	1621321	46.638	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	290622	48.053	ng	99
66) n-Nitrosodiphenylamine	15.816	169	1412175	47.790	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	482133	45.092	ng	98
68) Hexachlorobenzene	16.615	284	534434	44.813	ng	99
69) Atrazine	16.768	200	495108	50.833	ng	99
70) Pentachlorophenol	16.957	266	356350	46.725	ng	99
71) Phenanthrene	17.345	178	2570860	49.356	ng	99
72) Anthracene	17.439	178	2531107	49.924	ng	100
73) Carbazole	17.704	167	2341908	49.530	ng	99
74) Di-n-butylphthalate	18.280	149	3074258	52.301	ng	100
75) Fluoranthene	19.362	202	2934415	50.253	ng	99
77) Benzidine	19.539	184	1485533	110.662	ng	100
78) Pyrene	19.721	202	3032338	46.984	ng	99
80) Butylbenzylphthalate	20.621	149	1414973	51.840	ng	100
81) Benzo(a)anthracene	21.468	228	3066744	53.042	ng	100
82) 3,3'-Dichlorobenzidine	21.398	252	945908	48.983	ng	98
83) Chrysene	21.521	228	2914153	49.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	2156731	53.509	ng	99
85) Di-n-octyl phthalate	22.333	149	3590894	56.125	ng	100
87) Indeno(1,2,3-cd)pyrene	26.362	276	3554335	59.988	ng	100
88) Benzo(b)fluoranthene	23.150	252	2985820	54.211	ng	100
89) Benzo(k)fluoranthene	23.197	252	2934979	50.304	ng	100
90) Benzo(a)pyrene	23.768	252	2472199	52.948	ng	100
91) Dibenzo(a,h)anthracene	26.380	278	2979266	62.013	ng	99
92) Benzo(g,h,i)perylene	27.127	276	2869392	57.703	ng	99

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

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