Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035888.D
Acq On : 21 Jul 2022 14:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 01:07:50 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	358579	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1446923	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	835567	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1604625	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1292683	20.000	ng		0.00
86) Perylene-d12	23.821	264	1151750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1863665	80.575	ng		0.00
7) Phenol-d6	7.063	99	2430555	83.567	ng		0.00
23) Nitrobenzene-d5	9.069	82	2259697	83.527	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	787459	84.254	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4818735	81.517	ng		0.00
79) Terphenyl-d14	19.892	244	6011173	90.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	377388	39.474	ng		93
3) Pyridine	3.728	79	1046724	41.197	ng		90
4) n-Nitrosodimethylamine	3.640	42	444691	41.879	ng	#	70
6) Aniline	7.222	93	1343819	42.072	ng		96
8) 2-Chlorophenol	7.457	128	980561	41.026	ng		98
9) Benzaldehyde	7.034	77	616641	37.737	ng		93
10) Phenol	7.093	94	1216091	41.516	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	972023	41.127	ng		96
12) 1,3-Dichlorobenzene	7.787	146	1063510	39.893	ng		97
13) 1,4-Dichlorobenzene	7.934	146	1086309	40.021	ng		99
14) 1,2-Dichlorobenzene	8.251	146	1055520	40.205	ng		99
15) Benzyl Alcohol	8.140	79	818656	42.718	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1290710	41.946	ng		97
17) 2-Methylphenol	8.345	107	791271	41.608	ng		96
18) Hexachloroethane	8.981	117	392781	40.223	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	732217	43.423	ng		89
20) 3+4-Methylphenols	8.675	107	1092631	42.511	ng		97
22) Acetophenone	8.728	105	1473096	41.194	ng	#	93
24) Nitrobenzene	9.110	77	1056806	41.590	ng		97
25) Isophorone	9.634	82	1828328	43.201	ng		99
26) 2-Nitrophenol	9.816	139	491037	42.900	ng		93
27) 2,4-Dimethylphenol	9.881	122	763552	42.289	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	1250864	42.465	ng		100
29) 2,4-Dichlorophenol	10.351	162	838940	41.907	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	933779	40.418	ng		98
31) Naphthalene	10.757	128	3019754	41.076	ng		100
32) Benzoic acid	10.022	122	613997	44.964	ng		93
33) 4-Chloroaniline	10.869	127	1238278	42.103	ng		96
34) Hexachlorobutadiene	11.039	225	530438	40.004	ng		98
35) Caprolactam	11.657	113	271425	44.334	ng		96
36) 4-Chloro-3-methylphenol	11.992	107	903313	44.005	ng		100
37) 2-Methylnaphthalene	12.363	142	2018178	42.199	ng		98
38) 1-Methylnaphthalene	12.580	142	1983520	42.609	ng		98
40) 1,2,4,5-Tetrachloroben...	12.727	216	941255	39.428	ng		99
41) Hexachlorocyclopentadiene	12.710	237	519713	40.391	ng		97
43) 2,4,6-Trichlorophenol	12.969	196	654627	41.485	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	690124	41.479	ng	98
46) 1,1'-Biphenyl	13.374	154	2598152	40.876	ng	99
47) 2-Chloronaphthalene	13.416	162	1972065	40.366	ng	99
48) 2-Nitroaniline	13.616	65	588810	43.738	ng	95
49) Acenaphthylene	14.257	152	3122815	41.512	ng	100
50) Dimethylphthalate	13.998	163	2301839	41.853	ng	99
51) 2,6-Dinitrotoluene	14.116	165	490597	42.659	ng	94
52) Acenaphthene	14.598	154	1863240	41.347	ng	100
53) 3-Nitroaniline	14.439	138	600221	43.348	ng	97
54) 2,4-Dinitrophenol	14.645	184	245656	43.349	ng	90
55) Dibenzofuran	14.927	168	2962200	41.028	ng	98
56) 4-Nitrophenol	14.745	139	467327	43.015	ng	87
57) 2,4-Dinitrotoluene	14.898	165	654403	43.481	ng	98
58) Fluorene	15.574	166	2371778	41.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	564787	42.231	ng	98
60) Diethylphthalate	15.357	149	2299373	42.193	ng	100
61) 4-Chlorophenyl-phenyle...	15.574	204	1146119	41.554	ng	97
62) 4-Nitroaniline	15.604	138	615713	43.427	ng	89
63) Azobenzene	15.868	77	2399796	42.886	ng	94
65) 4,6-Dinitro-2-methylph...	15.651	198	342861	42.551	ng	95
66) n-Nitrosodiphenylamine	15.786	169	1960124	41.600	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	663451	41.130	ng	95
68) Hexachlorobenzene	16.574	284	766266	40.922	ng	91
69) Atrazine	16.739	200	544986	44.017	ng	98
70) Pentachlorophenol	16.915	266	458484	44.124	ng	100
71) Phenanthrene	17.310	178	3462676	41.021	ng	98
72) Anthracene	17.404	178	3400617	41.445	ng	99
73) Carbazole	17.674	167	3417303	41.058	ng	100
74) Di-n-butylphthalate	18.245	149	3640106	42.955	ng	99
75) Fluoranthene	19.321	202	3671424	40.014	ng	97
77) Benzidine	19.515	184	935651	41.226	ng	99
78) Pyrene	19.686	202	3770019	44.604	ng	98
80) Butylbenzylphthalate	20.592	149	1365568	45.259	ng	99
81) Benzo(a)anthracene	21.433	228	3344056	40.866	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	783755	40.889	ng	100
83) Chrysene	21.486	228	3195470	40.923	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1836206	43.177	ng	99
85) Di-n-octyl phthalate	22.292	149	2762508	40.945	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	3295133	39.157	ng	98
88) Benzo(b)fluoranthene	23.103	252	2953445	43.079	ng	99
89) Benzo(k)fluoranthene	23.150	252	2929707	41.293	ng	98
90) Benzo(a)pyrene	23.721	252	2412657	41.344	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	2737711	39.149	ng	99
92) Benzo(g,h,i)perylene	27.062	276	2695933	39.092	ng	99

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

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