Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036400.D
Acq On : 25 Aug 2022 11:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 26 03:33:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	216383	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	884925	20.000	ng	#	0.00
39) Acenaphthene-d10	14.433	164	513126	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1008556	20.000	ng	#	0.00
76) Chrysene-d12	21.356	240	932300	20.000	ng		0.00
86) Perylene-d12	23.680	264	879760	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1109556	83.134	ng		0.00
7) Phenol-d6	6.969	99	1478273	87.047	ng		0.00
23) Nitrobenzene-d5	8.957	82	1462430	92.508	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	478497	79.489	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3022398	86.967	ng		0.00
79) Terphenyl-d14	19.804	244	4133244	87.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	229029	42.586	ng		96
3) Pyridine	3.646	79	620728m	43.041	ng		
4) n-Nitrosodimethylamine	3.558	42	292070	49.284	ng	#	75
6) Aniline	7.122	93	829302	44.097	ng		96
8) 2-Chlorophenol	7.351	128	589331	41.414	ng		98
9) Benzaldehyde	6.934	77	326163	36.278	ng		97
10) Phenol	6.993	94	743658	43.490	ng		93
11) bis(2-Chloroethyl)ether	7.222	93	606462	43.054	ng		98
12) 1,3-Dichlorobenzene	7.669	146	639217	40.536	ng		100
13) 1,4-Dichlorobenzene	7.822	146	655232	40.745	ng		98
14) 1,2-Dichlorobenzene	8.134	146	633555	40.831	ng		99
15) Benzyl Alcohol	8.040	79	486361	42.677	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.328	45	909508	48.557	ng		99
17) 2-Methylphenol	8.245	107	491015	43.379	ng		97
18) Hexachloroethane	8.857	117	242643	41.915	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	473065	45.860	ng		93
20) 3+4-Methylphenols	8.575	107	674230	43.842	ng		98
22) Acetophenone	8.622	105	930756	44.432	ng	#	95
24) Nitrobenzene	8.998	77	684191	46.037	ng		99
25) Isophorone	9.528	82	1137785	44.242	ng	#	97
26) 2-Nitrophenol	9.710	139	299640	42.746	ng		98
27) 2,4-Dimethylphenol	9.775	122	470324	43.313	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	807811	44.089	ng		99
29) 2,4-Dichlorophenol	10.245	162	514720	42.151	ng		98
30) 1,2,4-Trichlorobenzene	10.451	180	551995	39.889	ng		98
31) Naphthalene	10.639	128	1890930	42.979	ng		99
32) Benzoic acid	9.934	122	384974	44.725	ng		98
33) 4-Chloroaniline	10.763	127	745332	42.035	ng		98
34) Hexachlorobutadiene	10.910	225	316829	38.963	ng		97
35) Caprolactam	11.569	113	152704	40.599	ng	#	90
36) 4-Chloro-3-methylphenol	11.892	107	558081	43.480	ng		97
37) 2-Methylnaphthalene	12.251	142	1250031	42.696	ng		99
38) 1-Methylnaphthalene	12.475	142	1226481	42.778	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	570279	40.994	ng		99
41) Hexachlorocyclopentadiene	12.592	237	261971	35.556	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	394728	41.699	ng		100

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44) 2,4,5-Trichlorophenol	12.945	196	415751	41.606	ng		96
46) 1,1'-Biphenyl	13.269	154	1631142	43.619	ng		98
47) 2-Chloronaphthalene	13.310	162	1206696	42.162	ng		97
48) 2-Nitroaniline	13.527	65	383080	49.114	ng		97
49) Acenaphthylene	14.157	152	1951716	44.115	ng		100
50) Dimethylphthalate	13.904	163	1450207	41.560	ng		99
51) 2,6-Dinitrotoluene	14.027	165	299977	42.846	ng		96
52) Acenaphthene	14.498	154	1275369m	44.068	ng		
53) 3-Nitroaniline	14.357	138	359582	44.021	ng		99
54) 2,4-Dinitrophenol	14.569	184	166964	45.066	ng		95
55) Dibenzofuran	14.833	168	1891826	43.652	ng		99
56) 4-Nitrophenol	14.674	139	280223	42.869	ng		94
57) 2,4-Dinitrotoluene	14.816	165	405226	44.158	ng	#	86
58) Fluorene	15.480	166	1518615	44.422	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	352328	41.623	ng		97
60) Diethylphthalate	15.263	149	1528982	42.638	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	716357	42.023	ng		98
62) 4-Nitroaniline	15.521	138	369097m	43.923	ng		
63) Azobenzene	15.769	77	1662085	48.756	ng		94
65) 4,6-Dinitro-2-methylph...	15.574	198	234007	45.378	ng		88
66) n-Nitrosodiphenylamine	15.698	169	1257017	44.150	ng		99
67) 4-Bromophenyl-phenylether	16.368	248	415035	41.141	ng		99
68) Hexachlorobenzene	16.474	284	462324	39.941	ng		98
69) Atrazine	16.651	200	343383	43.103	ng		99
70) Pentachlorophenol	16.827	266	277483	40.932	ng		99
71) Phenanthrene	17.215	178	2262744	44.037	ng		99
72) Anthracene	17.310	178	2228245	44.793	ng		99
73) Carbazole	17.586	167	2214790	43.942	ng		99
74) Di-n-butylphthalate	18.151	149	2611408	43.402	ng		100
75) Fluoranthene	19.233	202	2477945	43.083	ng		97
77) Benzidine	19.433	184	524282	37.498	ng		99
78) Pyrene	19.598	202	2594252	44.874	ng		99
80) Butylbenzylphthalate	20.503	149	1103471	44.224	ng		98
81) Benzo(a)anthracene	21.345	228	2385630	41.544	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	573805	41.152	ng		98
83) Chrysene	21.398	228	2313208	42.377	ng		100
84) Bis(2-ethylhexyl)phtha...	21.274	149	1601927	42.555	ng		99
85) Di-n-octyl phthalate	22.174	149	2559363	41.660	ng		99
87) Indeno(1,2,3-cd)pyrene	26.091	276	2519672	40.755	ng		95
88) Benzo(b)fluoranthene	22.974	252	2187008	42.430	ng	#	97
89) Benzo(k)fluoranthene	23.021	252	2226458	42.767	ng	#	98
90) Benzo(a)pyrene	23.580	252	1842132	42.595	ng	#	98
91) Dibenzo(a,h)anthracene	26.103	278	2107479	40.724	ng	#	96
92) Benzo(g,h,i)perylene	26.833	276	2063360	41.185	ng		96

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

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