Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041328.D
Acq On : 08 Aug 2023 13:26
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 01:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/09/2023
Supervised By :mohammad ahmed
08/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	113205	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	437651	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	271952	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	604386	20.000	ng		0.00
76) Chrysene-d12	21.421	240	617072	20.000	ng		0.00
86) Perylene-d12	23.786	264	693832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	549288	72.520	ng		0.00
7) Phenol-d6	6.963	99	728380	74.187	ng		0.00
23) Nitrobenzene-d5	8.957	82	713226	75.787	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	328409	85.376	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	1565229	72.707	ng		0.00
79) Terphenyl-d14	19.851	244	2637352	77.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	110168	34.000	ng		98
3) Pyridine	3.658	79	306185	35.939	ng		99
4) n-Nitrosodimethylamine	3.575	42	136335	34.600	ng		98
6) Aniline	7.116	93	432950	37.680	ng		100
8) 2-Chlorophenol	7.346	128	279999	37.867	ng		99
9) Benzaldehyde	6.934	77	186946m	36.085	ng		
10) Phenol	6.993	94	351444	37.062	ng		97
11) bis(2-Chloroethyl)ether	7.216	93	281454	36.667	ng		98
12) 1,3-Dichlorobenzene	7.663	146	304981	37.891	ng		98
13) 1,4-Dichlorobenzene	7.816	146	310557	38.387	ng		99
14) 1,2-Dichlorobenzene	8.134	146	299746	38.642	ng		99
15) Benzyl Alcohol	8.040	79	261917	42.243	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	358814	35.084	ng		97
17) 2-Methylphenol	8.240	107	255640	39.460	ng		98
18) Hexachloroethane	8.851	117	119653	39.727	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	245420	41.154	ng		97
20) 3+4-Methylphenols	8.575	107	343907	39.702	ng		95
22) Acetophenone	8.622	105	438128	37.799	ng	#	99
24) Nitrobenzene	9.004	77	355817	37.387	ng		99
25) Isophorone	9.528	82	641927	40.183	ng		99
26) 2-Nitrophenol	9.710	139	157342	42.291	ng		98
27) 2,4-Dimethylphenol	9.775	122	253898	38.782	ng		96
28) bis(2-Chloroethoxy)met...	10.010	93	378856	37.860	ng		100
29) 2,4-Dichlorophenol	10.245	162	270033	40.901	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	293539	40.243	ng		98
31) Naphthalene	10.639	128	886681	37.335	ng		99
32) Benzoic acid	9.940	122	200685	41.886	ng		95
33) 4-Chloroaniline	10.769	127	377072	39.729	ng		99
34) Hexachlorobutadiene	10.904	225	189857	43.277	ng		98
35) Caprolactam	11.586	113	84870	44.438	ng	#	88
36) 4-Chloro-3-methylphenol	11.904	107	286879	41.284	ng		98
37) 2-Methylnaphthalene	12.257	142	634436	39.624	ng		98
38) 1-Methylnaphthalene	12.481	142	597670	39.883	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	334680	37.900	ng		98
41) Hexachlorocyclopentadiene	12.592	237	147011	31.468	ng		97
43) 2,4,6-Trichlorophenol	12.881	196	224443	39.655	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	264249	40.338	ng		97
46) 1,1'-Biphenyl	13.280	154	790507	35.856	ng		99
47) 2-Chloronaphthalene	13.322	162	607469	36.902	ng		98
48) 2-Nitroaniline	13.545	65	208897	39.755	ng		98
49) Acenaphthylene	14.169	152	996750	37.513	ng		100
50) Dimethylphthalate	13.922	163	804512	39.328	ng		99
51) 2,6-Dinitrotoluene	14.051	165	174076	41.069	ng		98
52) Acenaphthene	14.516	154	592576	37.020	ng		99
53) 3-Nitroaniline	14.380	138	182436	37.775	ng		99
54) 2,4-Dinitrophenol	14.598	184	106937	40.470	ng		94
55) Dibenzofuran	14.851	168	982515	37.621	ng		100
56) 4-Nitrophenol	14.704	139	137929	39.045	ng		97
57) 2,4-Dinitrotoluene	14.845	165	241654	40.372	ng		96
58) Fluorene	15.504	166	788361	38.265	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	221128	41.685	ng		97
60) Diethylphthalate	15.286	149	821393	41.521	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	418522	40.538	ng		99
62) 4-Nitroaniline	15.551	138	179923	40.508	ng		95
63) Azobenzene	15.792	77	840731	38.798	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	150401	41.078	ng		92
66) n-Nitrosodiphenylamine	15.722	169	678821	36.113	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	255834	38.607	ng		100
68) Hexachlorobenzene	16.510	284	282846	38.386	ng		96
69) Atrazine	16.686	200	213242	43.199	ng		99
70) Pentachlorophenol	16.863	266	212827	41.711	ng		100
71) Phenanthrene	17.251	178	1224762	36.473	ng		99
72) Anthracene	17.345	178	1264305	38.069	ng		99
73) Carbazole	17.627	167	1157968	38.523	ng		100
74) Di-n-butylphthalate	18.186	149	1535656	45.210	ng		99
75) Fluoranthene	19.280	202	1545532	40.967	ng		99
77) Benzidine	19.480	184	379770	45.154	ng		99
78) Pyrene	19.645	202	1613648	37.394	ng		100
80) Butylbenzylphthalate	20.551	149	730763	46.372	ng		97
81) Benzo(a)anthracene	21.403	228	1640631	39.219	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	558532	40.917	ng		99
83) Chrysene	21.456	228	1546890	38.231	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1098512	44.113	ng	#	97
85) Di-n-octyl phthalate	22.245	149	1852589	46.516	ng		97
87) Indeno(1,2,3-cd)pyrene	26.238	276	1889900	37.049	ng		96
88) Benzo(b)fluoranthene	23.068	252	1579814	38.328	ng		98
89) Benzo(k)fluoranthene	23.115	252	1593785	37.801	ng		99
90) Benzo(a)pyrene	23.686	252	1531474	38.669	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	1600724	37.622	ng		97
92) Benzo(g,h,i)perylene	26.997	276	1516909	36.436	ng		96

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

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