Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041303.D
Acq On : 07 Aug 2023 09:20
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 17:26:15 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	201920	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	765806	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	462980	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1009222	20.000	ng		0.00
76) Chrysene-d12	21.421	240	945222	20.000	ng		0.00
86) Perylene-d12	23.785	264	1065243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	990466	73.313	ng		0.00
7) Phenol-d6	6.969	99	1293485	73.861	ng		0.00
23) Nitrobenzene-d5	8.963	82	1229258	74.648	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	566303	86.477	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	2695661	73.552	ng		0.00
79) Terphenyl-d14	19.850	244	4114342	78.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	199937	34.594	ng		96
3) Pyridine	3.663	79	555308	36.542	ng		96
4) n-Nitrosodimethylamine	3.581	42	239047	34.013	ng		92
6) Aniline	7.122	93	772215	37.679	ng		98
8) 2-Chlorophenol	7.351	128	495070	37.536	ng		99
9) Benzaldehyde	6.934	77	335222m	36.277	ng		
10) Phenol	6.998	94	628418	37.154	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	503945	36.808	ng		97
12) 1,3-Dichlorobenzene	7.669	146	545637	38.006	ng		99
13) 1,4-Dichlorobenzene	7.822	146	547015	37.908	ng		99
14) 1,2-Dichlorobenzene	8.134	146	528872	38.224	ng		99
15) Benzyl Alcohol	8.039	79	460916	41.677	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	605107	33.171	ng		94
17) 2-Methylphenol	8.245	107	443385	38.370	ng		99
18) Hexachloroethane	8.851	117	210185	39.124	ng		90
19) n-Nitroso-di-n-propyla...	8.604	70	419025	39.394	ng		96
20) 3+4-Methylphenols	8.575	107	604192	39.105	ng		99
22) Acetophenone	8.622	105	760609	37.502	ng	#	99
24) Nitrobenzene	9.004	77	618707	37.153	ng		99
25) Isophorone	9.528	82	1127518	40.335	ng		99
26) 2-Nitrophenol	9.716	139	280777	43.130	ng		94
27) 2,4-Dimethylphenol	9.781	122	441011	38.497	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	653346	37.313	ng		99
29) 2,4-Dichlorophenol	10.251	162	471376	40.803	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	515144	40.361	ng		98
31) Naphthalene	10.645	128	1536139	36.965	ng		99
32) Benzoic acid	9.957	122	354002	42.167	ng		98
33) 4-Chloroaniline	10.769	127	664789	40.029	ng		99
34) Hexachlorobutadiene	10.910	225	332960	43.374	ng		98
35) Caprolactam	11.592	113	147606	44.169	ng		89
36) 4-Chloro-3-methylphenol	11.910	107	496095	40.800	ng		98
37) 2-Methylnaphthalene	12.263	142	1096303	39.130	ng		99
38) 1-Methylnaphthalene	12.480	142	1019943	38.896	ng		100
40) 1,2,4,5-Tetrachloroben...	12.633	216	583805	38.834	ng		99
41) Hexachlorocyclopentadiene	12.598	237	253990	31.935	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	393903	40.880	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	453399	40.655	ng		97
46) 1,1'-Biphenyl	13.280	154	1360179	36.239	ng		99
47) 2-Chloronaphthalene	13.327	162	1049369	37.444	ng		98
48) 2-Nitroaniline	13.551	65	357329	39.945	ng		96
49) Acenaphthylene	14.174	152	1697537	37.528	ng		99
50) Dimethylphthalate	13.921	163	1359688	39.042	ng		100
51) 2,6-Dinitrotoluene	14.051	165	298122	41.314	ng		99
52) Acenaphthene	14.521	154	1008398	37.005	ng		100
53) 3-Nitroaniline	14.386	138	317812	38.594	ng		96
54) 2,4-Dinitrophenol	14.604	184	187606	41.526	ng		89
55) Dibenzofuran	14.857	168	1663625	37.418	ng		100
56) 4-Nitrophenol	14.704	139	240177	39.937	ng		96
57) 2,4-Dinitrotoluene	14.851	165	410781	40.316	ng		95
58) Fluorene	15.510	166	1334511	38.048	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	377305	41.779	ng		96
60) Diethylphthalate	15.286	149	1377925	40.914	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	714770	40.667	ng		98
62) 4-Nitroaniline	15.557	138	302322	40.035	ng		97
63) Azobenzene	15.798	77	1397854	37.891	ng		98
65) 4,6-Dinitro-2-methylph...	15.615	198	256758	41.996	ng		89
66) n-Nitrosodiphenylamine	15.727	169	1143158	36.421	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	439818	39.747	ng		97
68) Hexachlorobenzene	16.509	284	480709	39.069	ng		98
69) Atrazine	16.686	200	357573	43.380	ng		99
70) Pentachlorophenol	16.868	266	354398	41.595	ng		99
71) Phenanthrene	17.257	178	2033038	36.257	ng		99
72) Anthracene	17.351	178	2097630	37.824	ng		100
73) Carbazole	17.633	167	1900596	37.865	ng		99
74) Di-n-butylphthalate	18.186	149	2435117	42.932	ng		100
75) Fluoranthene	19.286	202	2459950	39.049	ng		98
77) Benzidine	19.480	184	682180	52.951	ng		100
78) Pyrene	19.645	202	2551825	38.605	ng		100
80) Butylbenzylphthalate	20.550	149	1098641	45.514	ng		98
81) Benzo(a)anthracene	21.403	228	2527074	39.437	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	865492	41.392	ng		99
83) Chrysene	21.456	228	2368056	38.207	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1631005	42.836	ng	#	97
85) Di-n-octyl phthalate	22.244	149	2734055	44.816	ng		96
87) Indeno(1,2,3-cd)pyrene	26.244	276	2939365	37.531	ng		95
88) Benzo(b)fluoranthene	23.074	252	2387068	37.721	ng	#	98
89) Benzo(k)fluoranthene	23.121	252	2483392	38.364	ng		98
90) Benzo(a)pyrene	23.686	252	2357796	38.776	ng		97
91) Dibenzo(a,h)anthracene	26.256	278	2467537	37.774	ng		97
92) Benzo(g,h,i)perylene	26.997	276	2354638	36.838	ng		96

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

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