Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039976.D
Acq On : 24 May 2023 10:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 13:16:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	277439	20.000	ng		0.00
21) Naphthalene-d8	10.834	136	1120158	20.000	ng		0.00
39) Acenaphthene-d10	14.651	164	612653	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	1150843	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1033803	20.000	ng		0.00
86) Perylene-d12	24.021	264	1032177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	1512038	83.599	ng		0.00
7) Phenol-d6	7.169	99	1922474	81.483	ng		0.00
23) Nitrobenzene-d5	9.187	82	1709888	82.368	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	686051	86.277	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	4189373	80.654	ng		0.00
79) Terphenyl-d14	20.015	244	6038892	90.700	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	299311	40.977	ng		98
3) Pyridine	3.822	79	841256	41.949	ng		99
4) n-Nitrosodimethylamine	3.740	42	321549	37.742	ng		94
6) Aniline	7.340	93	1180291	40.429	ng		99
8) 2-Chlorophenol	7.575	128	785791	41.274	ng		97
9) Benzaldehyde	7.146	77	410113	35.957	ng		99
10) Phenol	7.193	94	966169	40.853	ng		97
11) bis(2-Chloroethyl)ether	7.434	93	782381	40.164	ng		100
12) 1,3-Dichlorobenzene	7.904	146	819482	40.647	ng		98
13) 1,4-Dichlorobenzene	8.051	146	833196	40.618	ng		99
14) 1,2-Dichlorobenzene	8.369	146	820845	40.809	ng		100
15) Benzyl Alcohol	8.251	79	606484	39.877	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.551	45	983355	39.353	ng		99
17) 2-Methylphenol	8.457	107	699141	41.320	ng		98
18) Hexachloroethane	9.104	117	307350	41.329	ng		93
19) n-Nitroso-di-n-propyla...	8.828	70	583185	42.676	ng		97
20) 3+4-Methylphenols	8.787	107	923171	41.346	ng		99
22) Acetophenone	8.840	105	1245735	41.203	ng	#	99
24) Nitrobenzene	9.228	77	857683	40.731	ng		98
25) Isophorone	9.751	82	1568268	41.426	ng		98
26) 2-Nitrophenol	9.939	139	353595	47.455	ng		93
27) 2,4-Dimethylphenol	9.998	122	717639	42.286	ng		99
28) bis(2-Chloroethoxy)met...	10.239	93	1031313	41.552	ng		99
29) 2,4-Dichlorophenol	10.475	162	674017	41.919	ng		97
30) 1,2,4-Trichlorobenzene	10.692	180	706581	40.140	ng		98
31) Naphthalene	10.881	128	2538912	41.079	ng		100
32) Benzoic acid	10.116	122	402907	37.304	ng		93
33) 4-Chloroaniline	10.986	127	1096338	42.096	ng		98
34) Hexachlorobutadiene	11.169	225	393031	39.779	ng		100
35) Caprolactam	11.763	113	190558	41.969	ng		90
36) 4-Chloro-3-methylphenol	12.104	107	716596	43.118	ng		100
37) 2-Methylnaphthalene	12.486	142	1719405	41.737	ng		99
38) 1-Methylnaphthalene	12.704	142	1604592	41.610	ng		100
40) 1,2,4,5-Tetrachloroben...	12.851	216	749939	38.702	ng		99
41) Hexachlorocyclopentadiene	12.833	237	401048	40.008	ng		100
43) 2,4,6-Trichlorophenol	13.086	196	479595	40.777	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	563076	40.223	ng	99
46) 1,1'-Biphenyl	13.492	154	2152515	41.038	ng	99
47) 2-Chloronaphthalene	13.533	162	1598033	40.815	ng	99
48) 2-Nitroaniline	13.733	65	416021	39.737	ng	95
49) Acenaphthylene	14.374	152	2592923	42.303	ng	100
50) Dimethylphthalate	14.110	163	1945268	42.120	ng	100
51) 2,6-Dinitrotoluene	14.227	165	388722	43.998	ng	94
52) Acenaphthene	14.716	154	1691813m	42.244	ng	
53) 3-Nitroaniline	14.551	138	474075	45.359	ng	97
54) 2,4-Dinitrophenol	14.751	184	162927	37.847	ng	98
55) Dibenzofuran	15.051	168	2453220	41.495	ng	100
56) 4-Nitrophenol	14.845	139	371612	45.964	ng	93
57) 2,4-Dinitrotoluene	15.010	165	505998	40.419	ng	94
58) Fluorene	15.698	166	2080597	42.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	437187	41.994	ng	99
60) Diethylphthalate	15.474	149	1992238	43.642	ng	100
61) 4-Chlorophenyl-phenyle...	15.692	204	1015206	42.221	ng	99
62) 4-Nitroaniline	15.716	138	502256	46.143	ng	94
63) Azobenzene	15.986	77	1944372	42.721	ng	98
65) 4,6-Dinitro-2-methylph...	15.768	198	229603	38.125	ng	96
66) n-Nitrosodiphenylamine	15.904	169	1678258	42.405	ng	98
67) 4-Bromophenyl-phenylether	16.586	248	527241	41.462	ng	98
68) Hexachlorobenzene	16.698	284	597327	41.105	ng	98
69) Atrazine	16.851	200	434845	44.172	ng	99
70) Pentachlorophenol	17.039	266	390234	40.907	ng	98
71) Phenanthrene	17.439	178	2852996	41.445	ng	100
72) Anthracene	17.527	178	2894476	42.439	ng	100
73) Carbazole	17.798	167	2629376	42.672	ng	99
74) Di-n-butylphthalate	18.362	149	3146822	40.560	ng	100
75) Fluoranthene	19.451	202	2892494	42.159	ng	100
77) Benzidine	19.633	184	923513	57.526	ng	100
78) Pyrene	19.809	202	3059953	40.337	ng	100
80) Butylbenzylphthalate	20.709	149	1229927	40.289	ng	92
81) Benzo(a)anthracene	21.556	228	3070715	41.958	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	946247	43.284	ng	100
83) Chrysene	21.609	228	2936468	41.818	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	2036660	41.499	ng	99
85) Di-n-octyl phthalate	22.433	149	3175279	42.482	ng	98
87) Indeno(1,2,3-cd)pyrene	26.585	276	3454177	42.082	ng	99
88) Benzo(b)fluoranthene	23.280	252	2780848	42.080	ng	99
89) Benzo(k)fluoranthene	23.327	252	2895996	40.077	ng	99
90) Benzo(a)pyrene	23.915	252	2630799	41.511	ng	98
91) Dibenzo(a,h)anthracene	26.603	278	2959602	41.764	ng	99
92) Benzo(g,h,i)perylene	27.374	276	2604191	41.579	ng	98

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

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