Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
Data File : BM041394.D
Acq On : 14 Aug 2023 09:56
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 19:03:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	194092	20.000	ng		0.00
21) Naphthalene-d8	10.580	136	797274	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	524868	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1221796	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1335642	20.000	ng		0.00
86) Perylene-d12	23.780	264	1572312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	915976	70.534	ng		0.00
7) Phenol-d6	6.963	99	1274745	75.727	ng		0.00
23) Nitrobenzene-d5	8.957	82	1288219	75.141	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	669925	90.238	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2956914	71.167	ng		0.00
79) Terphenyl-d14	19.845	244	5391290	72.982	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	183862	33.096	ng		97
3) Pyridine	3.657	79	537758	36.815	ng		95
4) n-Nitrosodimethylamine	3.575	42	240134	35.545	ng		99
6) Aniline	7.116	93	769571	39.064	ng		99
8) 2-Chlorophenol	7.340	128	485675	38.309	ng		100
9) Benzaldehyde	6.928	77	339882m	38.265	ng		
10) Phenol	6.987	94	619015	38.074	ng		94
11) bis(2-Chloroethyl)ether	7.216	93	499671	37.967	ng		97
12) 1,3-Dichlorobenzene	7.663	146	515414	37.349	ng		99
13) 1,4-Dichlorobenzene	7.810	146	522869	37.696	ng		99
14) 1,2-Dichlorobenzene	8.128	146	513987	38.647	ng		98
15) Benzyl Alcohol	8.039	79	473695	44.560	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	595309	33.950	ng		93
17) 2-Methylphenol	8.239	107	455301	40.990	ng		98
18) Hexachloroethane	8.845	117	203045	39.320	ng		90
19) n-Nitroso-di-n-propyla...	8.598	70	449107	43.925	ng		97
20) 3+4-Methylphenols	8.569	107	622658	41.926	ng		98
22) Acetophenone	8.616	105	796266	37.710	ng	#	99
24) Nitrobenzene	8.998	77	650935	37.545	ng		98
25) Isophorone	9.522	82	1209470	41.559	ng		99
26) 2-Nitrophenol	9.704	139	290340	42.838	ng		97
27) 2,4-Dimethylphenol	9.769	122	453218	38.002	ng		96
28) bis(2-Chloroethoxy)met...	10.010	93	682335	37.430	ng		100
29) 2,4-Dichlorophenol	10.239	162	498800	41.473	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	538871	40.553	ng		99
31) Naphthalene	10.633	128	1586105	36.661	ng		99
32) Benzoic acid	9.963	122	379096	43.169	ng		95
33) 4-Chloroaniline	10.763	127	684154	39.569	ng		99
34) Hexachlorobutadiene	10.898	225	350743	43.888	ng		98
35) Caprolactam	11.598	113	168762	48.506	ng		90
36) 4-Chloro-3-methylphenol	11.898	107	542500	42.856	ng		99
37) 2-Methylnaphthalene	12.251	142	1172916	40.212	ng		98
38) 1-Methylnaphthalene	12.474	142	1096896	40.180	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	639990	37.551	ng		99
41) Hexachlorocyclopentadiene	12.586	237	319048	35.385	ng		96
43) 2,4,6-Trichlorophenol	12.874	196	437957	40.093	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	520542	41.171	ng		96
46) 1,1'-Biphenyl	13.274	154	1489956	35.016	ng		99
47) 2-Chloronaphthalene	13.316	162	1150337	36.207	ng		98
48) 2-Nitroaniline	13.545	65	396505	39.098	ng		97
49) Acenaphthylene	14.168	152	1891791	36.891	ng		100
50) Dimethylphthalate	13.916	163	1582329	40.078	ng		100
51) 2,6-Dinitrotoluene	14.045	165	344326	42.091	ng		98
52) Acenaphthene	14.510	154	1128713	36.536	ng		100
53) 3-Nitroaniline	14.380	138	353584	37.923	ng		98
54) 2,4-Dinitrophenol	14.598	184	221284	42.969	ng		93
55) Dibenzofuran	14.845	168	1901265	37.721	ng		99
56) 4-Nitrophenol	14.704	139	253225	37.141	ng		94
57) 2,4-Dinitrotoluene	14.839	165	489757	42.261	ng		96
58) Fluorene	15.498	166	1537881	38.676	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	442852	43.255	ng		96
60) Diethylphthalate	15.280	149	1605689	42.055	ng		100
61) 4-Chlorophenyl-phenyle...	15.492	204	827824	41.546	ng		99
62) 4-Nitroaniline	15.557	138	329384	38.637	ng		93
63) Azobenzene	15.786	77	1645809	39.352	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	318941	43.091	ng		88
66) n-Nitrosodiphenylamine	15.715	169	1326814	34.917	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	524933	39.186	ng		99
68) Hexachlorobenzene	16.504	284	577878	38.795	ng		95
69) Atrazine	16.680	200	436576	43.749	ng		100
70) Pentachlorophenol	16.857	266	438173	42.480	ng		99
71) Phenanthrene	17.245	178	2461909	36.267	ng		99
72) Anthracene	17.339	178	2527215	37.642	ng		100
73) Carbazole	17.621	167	2290205	37.688	ng		99
74) Di-n-butylphthalate	18.180	149	2996655	43.640	ng		100
75) Fluoranthene	19.274	202	3166572	41.520	ng		98
77) Benzidine	19.474	184	783740	43.052	ng		100
78) Pyrene	19.639	202	3323762	35.585	ng		100
80) Butylbenzylphthalate	20.545	149	1476693	43.293	ng		98
81) Benzo(a)anthracene	21.403	228	3518116	38.855	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1203289	40.726	ng		99
83) Chrysene	21.456	228	3351289	38.266	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2221889	41.388	ng	#	96
85) Di-n-octyl phthalate	22.239	149	3902264	45.267	ng		96
87) Indeno(1,2,3-cd)pyrene	26.232	276	4310166	37.286	ng	#	94
88) Benzo(b)fluoranthene	23.062	252	3534362	37.839	ng	#	98
89) Benzo(k)fluoranthene	23.115	252	3626045m	37.951	ng		
90) Benzo(a)pyrene	23.680	252	3470678	38.671	ng	#	97
91) Dibenzo(a,h)anthracene	26.238	278	3633737	37.687	ng	#	97
92) Benzo(g,h,i)perylene	26.979	276	3396747	36.004	ng	#	95

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

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