Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041321.D
Acq On : 08 Aug 2023 08:56
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 01:10:31 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 08/09/2023
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	201441	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	809506	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	486925	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	980432	20.000	ng	0.00
76) Chrysene-d12	21.421	240	785998	20.000	ng	0.00
86) Perylene-d12	23.786	264	844604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	982094	72.866	ng	0.00
7) Phenol-d6	6.963	99	1336812	76.517	ng	0.00
23) Nitrobenzene-d5	8.963	82	1306270	75.043	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	559665	81.260	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2863288	74.283	ng	0.00
79) Terphenyl-d14	19.851	244	3584479	82.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	191320	33.182	ng	98
3) Pyridine	3.657	79	561728	37.053	ng	97
4) n-Nitrosodimethylamine	3.581	42	246325	35.131	ng	94
6) Aniline	7.122	93	797757	39.018	ng	99
8) 2-Chlorophenol	7.345	128	505921	38.450	ng	99
9) Benzaldehyde	6.934	77	344859m	37.409	ng	
10) Phenol	6.993	94	645609	38.261	ng	97
11) bis(2-Chloroethyl)ether	7.216	93	524437	38.395	ng	98
12) 1,3-Dichlorobenzene	7.663	146	546131	38.131	ng	98
13) 1,4-Dichlorobenzene	7.816	146	553328	38.436	ng	100
14) 1,2-Dichlorobenzene	8.134	146	534162	38.698	ng	99
15) Benzyl Alcohol	8.040	79	481647	43.655	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	648167	35.616	ng	96
17) 2-Methylphenol	8.239	107	467526	40.555	ng	98
18) Hexachloroethane	8.851	117	211155	39.398	ng	89
19) n-Nitroso-di-n-propyla...	8.604	70	452544	42.646	ng	98
20) 3+4-Methylphenols	8.575	107	642094	41.657	ng	98
22) Acetophenone	8.622	105	806164	37.602	ng	100
24) Nitrobenzene	9.004	77	654408	37.175	ng	99
25) Isophorone	9.528	82	1200526	40.629	ng	99
26) 2-Nitrophenol	9.710	139	295441	42.932	ng	95
27) 2,4-Dimethylphenol	9.775	122	471587	38.944	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	697955	37.708	ng	99
29) 2,4-Dichlorophenol	10.245	162	503460	41.228	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	541277	40.119	ng	99
31) Naphthalene	10.639	128	1620196	36.883	ng	100
32) Benzoic acid	9.957	122	371139	41.880	ng	97
33) 4-Chloroaniline	10.769	127	699898	39.868	ng	99
34) Hexachlorobutadiene	10.904	225	350100	43.145	ng	99
35) Caprolactam	11.598	113	149929	42.442	ng	92
36) 4-Chloro-3-methylphenol	11.904	107	532317	41.416	ng	97
37) 2-Methylnaphthalene	12.257	142	1180297	39.854	ng	98
38) 1-Methylnaphthalene	12.480	142	1090623	39.346	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	614466	38.863	ng	98
41) Hexachlorocyclopentadiene	12.592	237	266126	31.815	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	417647	41.213	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	487917	41.598	ng		96
46) 1,1'-Biphenyl	13.280	154	1446430	36.642	ng		99
47) 2-Chloronaphthalene	13.322	162	1108987	37.625	ng		99
48) 2-Nitroaniline	13.551	65	372402	39.583	ng		97
49) Acenaphthylene	14.174	152	1780628	37.429	ng		100
50) Dimethylphthalate	13.921	163	1431897	39.094	ng		99
51) 2,6-Dinitrotoluene	14.051	165	308616	40.665	ng		99
52) Acenaphthene	14.516	154	1065056	37.162	ng		99
53) 3-Nitroaniline	14.386	138	319600	37.016	ng		94
54) 2,4-Dinitrophenol	14.598	184	179776	38.355	ng		94
55) Dibenzofuran	14.851	168	1738366	37.176	ng		99
56) 4-Nitrophenol	14.704	139	227136	35.911	ng		96
57) 2,4-Dinitrotoluene	14.845	165	416187	38.935	ng		95
58) Fluorene	15.504	166	1373495	37.234	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	385121	40.548	ng		97
60) Diethylphthalate	15.286	149	1391031	39.272	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	733666	39.690	ng		99
62) 4-Nitroaniline	15.557	138	289242	36.794	ng		96
63) Azobenzene	15.792	77	1442522	37.179	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	245437	41.323	ng		92
66) n-Nitrosodiphenylamine	15.721	169	1155122	37.883	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	441358	41.058	ng		99
68) Hexachlorobenzene	16.510	284	478016	39.991	ng		96
69) Atrazine	16.686	200	337682	42.170	ng		99
70) Pentachlorophenol	16.862	266	338722	40.923	ng		98
71) Phenanthrene	17.257	178	1996340	36.648	ng		99
72) Anthracene	17.345	178	2045369	37.965	ng		100
73) Carbazole	17.627	167	1774242	36.385	ng		99
74) Di-n-butylphthalate	18.186	149	2205959	40.034	ng		100
75) Fluoranthene	19.280	202	2205508	36.038	ng		99
77) Benzidine	19.480	184	520003	48.539	ng		100
78) Pyrene	19.645	202	2260308	41.122	ng		100
80) Butylbenzylphthalate	20.550	149	887832	44.231	ng		99
81) Benzo(a)anthracene	21.403	228	2060946	38.678	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	697910	40.139	ng		99
83) Chrysene	21.456	228	1939342	37.629	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1270072	40.275	ng	#	97
85) Di-n-octyl phthalate	22.244	149	2092582	41.249	ng		96
87) Indeno(1,2,3-cd)pyrene	26.238	276	2300680	37.050	ng		96
88) Benzo(b)fluoranthene	23.068	252	1913908	38.145	ng		98
89) Benzo(k)fluoranthene	23.115	252	1955451	38.100	ng		99
90) Benzo(a)pyrene	23.686	252	1865161	38.688	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	1936819	37.395	ng		98
92) Benzo(g,h,i)perylene	26.991	276	1860947	36.720	ng		97

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

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