Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041223\
Data File : BM039402.D
Acq On : 12 Apr 2023 14:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 01:46:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	242021	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	897805	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	512842	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1007580	20.000	ng		0.00
76) Chrysene-d12	21.462	240	877980	20.000	ng		0.00
86) Perylene-d12	23.844	264	987630	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1307248	81.377	ng		0.02
7) Phenol-d6	7.075	99	1698222	81.733	ng		0.04
23) Nitrobenzene-d5	9.039	82	1556057	84.237	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	539526	82.876	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	3247783	85.805	ng		0.00
79) Terphenyl-d14	19.898	244	4214248	88.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	278727	42.449	ng		100
3) Pyridine	3.687	79	760367	41.336	ng		98
4) n-Nitrosodimethylamine	3.599	42	291595	40.363	ng		98
6) Aniline	7.192	93	1043125	40.563	ng		98
8) 2-Chlorophenol	7.440	128	672539	40.904	ng		98
9) Benzaldehyde	7.004	77	496057	41.923	ng		99
10) Phenol	7.098	94	829358	39.831	ng		99
11) bis(2-Chloroethyl)ether	7.293	93	693431	41.397	ng		99
12) 1,3-Dichlorobenzene	7.745	146	724808	41.568	ng		99
13) 1,4-Dichlorobenzene	7.898	146	729501	41.376	ng		99
14) 1,2-Dichlorobenzene	8.216	146	697834	41.392	ng		99
15) Benzyl Alcohol	8.122	79	555812	38.893	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.398	45	907119m	42.338	ng		
17) 2-Methylphenol	8.345	107	584908	40.151	ng		100
18) Hexachloroethane	8.939	117	278128	40.781	ng		99
19) n-Nitroso-di-n-propyla...	8.681	70	536166	40.368	ng		99
20) 3+4-Methylphenols	8.681	107	788150	40.262	ng	#	85
22) Acetophenone	8.698	105	1013134	42.205	ng	#	98
24) Nitrobenzene	9.081	77	768519	41.827	ng		99
25) Isophorone	9.604	82	1475780	42.824	ng		100
26) 2-Nitrophenol	9.792	139	355873	41.899	ng		96
27) 2,4-Dimethylphenol	9.875	122	600684	42.565	ng		100
28) bis(2-Chloroethoxy)met...	10.092	93	882101	42.285	ng		100
29) 2,4-Dichlorophenol	10.345	162	589801	42.836	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	634824	43.096	ng		99
31) Naphthalene	10.722	128	2059700	42.576	ng		100
32) Benzoic acid	10.051	122	403563	36.691	ng		99
33) 4-Chloroaniline	10.851	127	839193	39.596	ng		100
34) Hexachlorobutadiene	10.998	225	383217	44.243	ng		99
35) Caprolactam	11.651	113	191200	39.993	ng		98
36) 4-Chloro-3-methylphenol	12.004	107	640238	42.145	ng		97
37) 2-Methylnaphthalene	12.339	142	1425099	42.316	ng		99
38) 1-Methylnaphthalene	12.557	142	1334769	42.328	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	680113	43.557	ng		100
41) Hexachlorocyclopentadiene	12.680	237	378940	44.423	ng		100
43) 2,4,6-Trichlorophenol	12.963	196	457109	42.927	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.045	196	522055	41.819	ng	98
46)	1,1'-Biphenyl	13.351	154	1733223	42.798	ng	99
47)	2-Chloronaphthalene	13.392	162	1290693	42.092	ng	99
48)	2-Nitroaniline	13.616	65	407692	39.509	ng	99
49)	Acenaphthylene	14.239	152	2137403	42.411	ng	100
50)	Dimethylphthalate	13.986	163	1670026	42.254	ng	99
51)	2,6-Dinitrotoluene	14.110	165	362806	42.687	ng	99
52)	Acenaphthene	14.580	154	1262064	42.410	ng	100
53)	3-Nitroaniline	14.445	138	366778	37.329	ng	97
54)	2,4-Dinitrophenol	14.651	184	186054	36.964	ng	98
55)	Dibenzofuran	14.916	168	2008496	41.922	ng	98
56)	4-Nitrophenol	14.798	139	288099	38.024	ng	98
57)	2,4-Dinitrotoluene	14.898	165	482639	41.978	ng	97
58)	Fluorene	15.568	166	1593957	42.015	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.157	232	418078	42.098	ng	99
60)	Diethylphthalate	15.345	149	1694902	42.606	ng	100
61)	4-Chlorophenyl-phenyle...	15.563	204	791446	42.094	ng	99
62)	4-Nitroaniline	15.610	138	349777m	34.690	ng	
63)	Azobenzene	15.857	77	1681667	42.193	ng	99
65)	4,6-Dinitro-2-methylph...	15.657	198	281298	42.437	ng	98
66)	n-Nitrosodiphenylamine	15.780	169	1363859	42.956	ng	99
67)	4-Bromophenyl-phenylether	16.457	248	473555	44.009	ng	98
68)	Hexachlorobenzene	16.568	284	503382	43.144	ng	97
69)	Atrazine	16.739	200	437479	43.504	ng	98
70)	Pentachlorophenol	16.927	266	360435	43.059	ng	100
71)	Phenanthrene	17.309	178	2349746	42.581	ng	100
72)	Anthracene	17.404	178	2424497	43.087	ng	100
73)	Carbazole	17.686	167	2173045	41.329	ng	100
74)	Di-n-butylphthalate	18.239	149	2940899	45.216	ng	99
75)	Fluoranthene	19.327	202	2691370	42.785	ng	100
77)	Benzidine	19.527	184	1156392	49.935	ng	99
78)	Pyrene	19.692	202	2785941	44.573	ng	99
80)	Butylbenzylphthalate	20.592	149	1323574	46.223	ng	98
81)	Benzo(a)anthracene	21.445	228	2583573	41.724	ng	100
82)	3,3'-Dichlorobenzidine	21.380	252	869879	42.171	ng	99
83)	Chrysene	21.497	228	2574500	43.069	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.368	149	1973982	46.677	ng	100
85)	Di-n-octyl phthalate	22.286	149	3440552	45.156	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.327	276	3057934	42.023	ng	100
88)	Benzo(b)fluoranthene	23.121	252	2542078	42.066	ng	99
89)	Benzo(k)fluoranthene	23.168	252	2601929	42.270	ng	99
90)	Benzo(a)pyrene	23.738	252	2523481	42.508	ng	100
91)	Dibenzo(a,h)anthracene	26.344	278	2581682	42.252	ng	100
92)	Benzo(g,h,i)perylene	27.091	276	2544008	42.336	ng	100

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

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