Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035188.D
Acq On : 23 May 2022 11:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 03:15:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	169797	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	693229	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	472776	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	1036417	20.000	ng		0.00
76) Chrysene-d12	21.474	240	1058409	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	978291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	756756	78.628	ng		0.00
7) Phenol-d6	7.075	99	1051303	84.614	ng		0.00
23) Nitrobenzene-d5	9.063	82	1067950	83.192	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	541483	105.288	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	2746102	84.320	ng		0.00
79) Terphenyl-d14	19.915	244	4643057	84.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	137733	35.368	ng		96
3) Pyridine	3.781	79	397285	36.616	ng		94
4) n-Nitrosodimethylamine	3.693	42	196622	36.754	ng		89
6) Aniline	7.228	93	575068	40.294	ng		99
8) 2-Chlorophenol	7.469	128	441688	41.234	ng		95
9) Benzaldehyde	7.040	77	263837	32.627	ng		98
10) Phenol	7.105	94	504822	39.729	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	396844	41.485	ng		96
12) 1,3-Dichlorobenzene	7.793	146	494784	40.777	ng		97
13) 1,4-Dichlorobenzene	7.940	146	504665	40.639	ng		99
14) 1,2-Dichlorobenzene	8.257	146	496607	42.005	ng		97
15) Benzyl Alcohol	8.146	79	408373	43.981	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	542257	34.978	ng		96
17) 2-Methylphenol	8.352	107	367187	42.556	ng		97
18) Hexachloroethane	8.987	117	177455	38.933	ng		92
19) n-Nitroso-di-n-propyla...	8.716	70	347537	42.727	ng		95
20) 3+4-Methylphenols	8.681	107	513800	43.521	ng		97
22) Acetophenone	8.728	105	695468	41.424	ng	#	96
24) Nitrobenzene	9.104	77	487073	37.719	ng		100
25) Isophorone	9.640	82	872823	40.666	ng		98
26) 2-Nitrophenol	9.816	139	264737	46.982	ng		97
27) 2,4-Dimethylphenol	9.887	122	364971	42.003	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	559928	45.331	ng		100
29) 2,4-Dichlorophenol	10.357	162	456119	44.523	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	517615	44.638	ng		98
31) Naphthalene	10.757	128	1409698	39.420	ng		100
32) Benzoic acid	10.046	122	345611	49.578	ng		97
33) 4-Chloroaniline	10.863	127	591919	41.148	ng		98
34) Hexachlorobutadiene	11.045	225	336144	46.950	ng		98
35) Caprolactam	11.669	113	147989	50.015	ng		88
36) 4-Chloro-3-methylphenol	11.998	107	481766	45.445	ng		99
37) 2-Methylnaphthalene	12.369	142	1019342	41.138	ng		99
38) 1-Methylnaphthalene	12.587	142	1008082	41.660	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	615344	45.710	ng	#	97
41) Hexachlorocyclopentadiene	12.722	237	317405	39.380	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	419390	46.020	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	452595	44.724	ng		94
46) 1,1'-Biphenyl	13.375	154	1419648	39.858	ng		99
47) 2-Chloronaphthalene	13.422	162	1098593	39.578	ng		99
48) 2-Nitroaniline	13.622	65	322084	40.337	ng		94
49) Acenaphthylene	14.263	152	1703809	39.869	ng		100
50) Dimethylphthalate	14.004	163	1447041	41.053	ng		99
51) 2,6-Dinitrotoluene	14.116	165	308283	42.958	ng		90
52) Acenaphthene	14.604	154	1163167m	40.173	ng		
53) 3-Nitroaniline	14.445	138	315047	40.917	ng		97
54) 2,4-Dinitrophenol	14.657	184	205469	48.676	ng	#	85
55) Dibenzofuran	14.939	168	1711797	41.413	ng		98
56) 4-Nitrophenol	14.763	139	263428	41.887	ng		94
57) 2,4-Dinitrotoluene	14.910	165	431570	44.865	ng		91
58) Fluorene	15.592	166	1396629	40.677	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	414596	48.191	ng	#	89
60) Diethylphthalate	15.369	149	1480188	41.230	ng		98
61) 4-Chlorophenyl-phenyle...	15.586	204	750565	45.677	ng		92
62) 4-Nitroaniline	15.610	138	338974	42.516	ng		99
63) Azobenzene	15.875	77	1252078	38.239	ng		97
65) 4,6-Dinitro-2-methylph...	15.675	198	297547	48.026	ng		90
66) n-Nitrosodiphenylamine	15.798	169	1226355	39.043	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	470398	44.650	ng		95
68) Hexachlorobenzene	16.598	284	511508	43.005	ng	#	91
69) Atrazine	16.751	200	448401	42.522	ng		97
70) Pentachlorophenol	16.939	266	340039	45.628	ng		99
71) Phenanthrene	17.327	178	2204255	38.161	ng		99
72) Anthracene	17.422	178	2186405	39.201	ng		100
73) Carbazole	17.692	167	2150376	42.215	ng		98
74) Di-n-butylphthalate	18.263	149	2580792	39.819	ng		99
75) Fluoranthene	19.345	202	2659372	41.928	ng		98
77) Benzidine	19.527	184	1061413	32.827	ng		99
78) Pyrene	19.710	202	2731179	39.021	ng		100
80) Butylbenzylphthalate	20.610	149	1217877	39.641	ng		92
81) Benzo(a)anthracene	21.457	228	2742370	38.830	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	703962	34.199	ng		99
83) Chrysene	21.509	228	2625749	38.924	ng		100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1752545	37.097	ng	#	97
85) Di-n-octyl phthalate	22.309	149	2913041	37.404	ng		97
87) Indeno(1,2,3-cd)pyrene	26.333	276	2538860	34.134	ng		97
88) Benzo(b)fluoranthene	23.133	252	2463878	40.043	ng		99
89) Benzo(k)fluoranthene	23.186	252	2522924	40.505	ng		98
90) Benzo(a)pyrene	23.751	252	2052828	40.158	ng		98
91) Dibenzo(a,h)anthracene	26.350	278	2110678	33.830	ng		97
92) Benzo(g,h,i)perylene	27.091	276	1998000	33.328	ng		96

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

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