Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036168.D
Acq On : 09 Aug 2022 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 03:29:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	283529	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1348318	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	903699	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1929824	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1922103	20.000	ng		0.00
86) Perylene-d12	23.768	264	2111675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1369627	78.317	ng		0.00
7) Phenol-d6	7.057	99	1922228	86.383	ng		0.00
23) Nitrobenzene-d5	9.016	82	1847266	76.691	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	885619	83.536	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	4401391	71.910	ng		0.00
79) Terphenyl-d14	19.857	244	6921374	71.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	269507	38.244	ng		92
3) Pyridine	3.681	79	761129	40.278	ng		88
4) n-Nitrosodimethylamine	3.599	42	300048	38.639	ng	#	60
6) Aniline	7.175	93	1077583	43.730	ng		94
8) 2-Chlorophenol	7.416	128	778241	41.738	ng		95
9) Benzaldehyde	6.987	77	470743	39.959	ng		92
10) Phenol	7.081	94	960335	42.861	ng		91
11) bis(2-Chloroethyl)ether	7.275	93	748074	40.530	ng		95
12) 1,3-Dichlorobenzene	7.728	146	820064	39.689	ng		97
13) 1,4-Dichlorobenzene	7.875	146	841780	39.949	ng		98
14) 1,2-Dichlorobenzene	8.193	146	823519	40.505	ng		98
15) Benzyl Alcohol	8.104	79	694031	46.477	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.381	45	999412	40.721	ng		97
17) 2-Methylphenol	8.322	107	662709	44.682	ng		95
18) Hexachloroethane	8.916	117	304340	40.122	ng		97
19) n-Nitroso-di-n-propyla...	8.657	70	616974	45.646	ng		88
20) 3+4-Methylphenols	8.651	107	930043	46.154	ng		96
22) Acetophenone	8.675	105	1239581	38.837	ng	#	94
24) Nitrobenzene	9.057	77	871648	38.494	ng		96
25) Isophorone	9.587	82	1629479	41.585	ng		98
26) 2-Nitrophenol	9.769	139	462358	43.291	ng		90
27) 2,4-Dimethylphenol	9.851	122	678856	41.031	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	1081411	38.737	ng		99
29) 2,4-Dichlorophenol	10.316	162	769924	41.381	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	794324	37.673	ng		98
31) Naphthalene	10.698	128	2548043	38.011	ng		99
32) Benzoic acid	10.040	122	675620	51.515	ng		95
33) 4-Chloroaniline	10.822	127	1125456	41.659	ng		96
34) Hexachlorobutadiene	10.975	225	461429	37.243	ng		98
35) Caprolactam	11.640	113	288952	50.420	ng		94
36) 4-Chloro-3-methylphenol	11.981	107	872103	44.594	ng		99
37) 2-Methylnaphthalene	12.310	142	1799254	40.334	ng		98
38) 1-Methylnaphthalene	12.528	142	1761557	40.324	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	880953	35.957	ng		98
41) Hexachlorocyclopentadiene	12.651	237	560622	43.204	ng		99
43) 2,4,6-Trichlorophenol	12.934	196	662106	39.715	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	710099	40.350	ng		98
46) 1,1'-Biphenyl	13.322	154	2402958	36.486	ng		99
47) 2-Chloronaphthalene	13.363	162	1840464	36.513	ng		99
48) 2-Nitroaniline	13.586	65	584442	42.546	ng		88
49) Acenaphthylene	14.210	152	2992308	38.404	ng		100
50) Dimethylphthalate	13.957	163	2414209	39.284	ng		99
51) 2,6-Dinitrotoluene	14.081	165	514833	41.753	ng		89
52) Acenaphthene	14.551	154	1996030m	39.161	ng		
53) 3-Nitroaniline	14.416	138	630289	43.813	ng		92
54) 2,4-Dinitrophenol	14.616	184	330623	50.671	ng		90
55) Dibenzofuran	14.886	168	2915574	38.199	ng		98
56) 4-Nitrophenol	14.763	139	547587	47.565	ng		85
57) 2,4-Dinitrotoluene	14.863	165	729420	45.133	ng		99
58) Fluorene	15.533	166	2324962	38.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.122	232	611976	41.051	ng		97
60) Diethylphthalate	15.316	149	2510173	39.747	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	1141213	38.013	ng		97
62) 4-Nitroaniline	15.580	138	684424m	46.246	ng		
63) Azobenzene	15.822	77	2301183	38.329	ng		94
65) 4,6-Dinitro-2-methylph...	15.627	198	445494	45.148	ng		93
66) n-Nitrosodiphenylamine	15.751	169	2025948	37.188	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	710151	36.789	ng		96
68) Hexachlorobenzene	16.533	284	829352	37.445	ng		90
69) Atrazine	16.704	200	636417	41.749	ng		99
70) Pentachlorophenol	16.886	266	525964	40.548	ng		99
71) Phenanthrene	17.274	178	3683768	37.468	ng		99
72) Anthracene	17.363	178	3633565	38.174	ng		99
73) Carbazole	17.645	167	3800922	39.411	ng		99
74) Di-n-butylphthalate	18.198	149	4464594	38.779	ng		99
75) Fluoranthene	19.286	202	4300039	39.072	ng		99
77) Benzidine	19.480	184	1825848	63.341	ng		99
78) Pyrene	19.651	202	4492836	37.695	ng		98
80) Butylbenzylphthalate	20.551	149	2130124	41.408	ng		95
81) Benzo(a)anthracene	21.398	228	4509105	38.087	ng		100
82) 3,3'-Dichlorobenzidine	21.333	252	1219403	42.418	ng		100
83) Chrysene	21.451	228	4294575	38.160	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2991686	38.548	ng		99
85) Di-n-octyl phthalate	22.233	149	5176840	40.872	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.227	276	5792385	39.033	ng		100
88) Benzo(b)fluoranthene	23.051	252	4522192	36.551	ng		98
89) Benzo(k)fluoranthene	23.103	252	4564803	36.530	ng		99
90) Benzo(a)pyrene	23.668	252	3936541	37.922	ng		99
91) Dibenzo(a,h)anthracene	26.244	278	4820183	38.805	ng		99
92) Benzo(g,h,i)perylene	26.980	276	4769961	39.666	ng		99

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

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