Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036122.D
Acq On : 05 Aug 2022 16:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 01:12:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	263916	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	1149952	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	723041	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1534185	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1485896	20.000	ng		0.00
86) Perylene-d12	23.774	264	1536624	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	1316398	80.868	ng		-0.01
7) Phenol-d6	7.022	99	1749402	84.459	ng		-0.01
23) Nitrobenzene-d5	9.022	82	1616773	78.701	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	695314	81.973	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	3590145	73.312	ng		0.00
79) Terphenyl-d14	19.862	244	5639854	74.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	253843	38.699	ng	#	92
3) Pyridine	3.687	79	713447	40.561	ng		90
4) n-Nitrosodimethylamine	3.599	42	296292	40.991	ng	#	62
6) Aniline	7.181	93	966704	42.145	ng		94
8) 2-Chlorophenol	7.410	128	709295	40.867	ng		96
9) Benzaldehyde	6.992	77	407162	37.131	ng		93
10) Phenol	7.051	94	877976	42.097	ng		91
11) bis(2-Chloroethyl)ether	7.281	93	680432	39.605	ng		95
12) 1,3-Dichlorobenzene	7.734	146	764617	39.755	ng		98
13) 1,4-Dichlorobenzene	7.887	146	783158	39.929	ng		98
14) 1,2-Dichlorobenzene	8.198	146	756156	39.955	ng		99
15) Benzyl Alcohol	8.098	79	603139	43.392	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.386	45	896653	39.249	ng		96
17) 2-Methylphenol	8.304	107	584628	42.347	ng		96
18) Hexachloroethane	8.928	117	279356	39.565	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	529314	42.071	ng		88
20) 3+4-Methylphenols	8.634	107	802090	42.763	ng		97
22) Acetophenone	8.681	105	1070893	39.340	ng	#	92
24) Nitrobenzene	9.063	77	764505	39.586	ng		97
25) Isophorone	9.592	82	1345674	40.266	ng		99
26) 2-Nitrophenol	9.769	139	387598	42.551	ng		94
27) 2,4-Dimethylphenol	9.833	122	571185	40.479	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	902114	37.888	ng		99
29) 2,4-Dichlorophenol	10.304	162	647696	40.817	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	684821	38.082	ng		98
31) Naphthalene	10.704	128	2207247	38.607	ng		99
32) Benzoic acid	9.986	122	493996	44.164	ng		95
33) 4-Chloroaniline	10.822	127	926555	40.213	ng		96
34) Hexachlorobutadiene	10.986	225	388533	36.769	ng		99
35) Caprolactam	11.627	113	230157	47.088	ng		96
36) 4-Chloro-3-methylphenol	11.951	107	701903	42.082	ng		100
37) 2-Methylnaphthalene	12.316	142	1495680	39.313	ng		96
38) 1-Methylnaphthalene	12.539	142	1470147	39.459	ng		98
40) 1,2,4,5-Tetrachloroben...	12.680	216	717675	36.611	ng		98
41) Hexachlorocyclopentadiene	12.657	237	372390	35.869	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	524072	39.290	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	559644	39.746	ng	98
46) 1,1'-Biphenyl	13.327	154	1970995	37.405	ng	99
47) 2-Chloronaphthalene	13.369	162	1508163	37.396	ng	98
48) 2-Nitroaniline	13.580	65	477138	43.413	ng	95
49) Acenaphthylene	14.216	152	2418764	38.799	ng	100
50) Dimethylphthalate	13.963	163	1905372	38.751	ng	99
51) 2,6-Dinitrotoluene	14.080	165	406673	41.222	ng	90
52) Acenaphthene	14.557	154	1595620m	39.128	ng	
53) 3-Nitroaniline	14.410	138	505661	43.932	ng	93
54) 2,4-Dinitrophenol	14.616	184	243967	46.732	ng	86
55) Dibenzofuran	14.892	168	2358480	38.621	ng	98
56) 4-Nitrophenol	14.721	139	415238	45.081	ng	85
57) 2,4-Dinitrotoluene	14.863	165	563972	43.615	ng	98
58) Fluorene	15.539	166	1877875	38.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	482960	40.491	ng	98
60) Diethylphthalate	15.321	149	1969391	38.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	905541	37.699	ng	99
62) 4-Nitroaniline	15.568	138	538853	45.507	ng	91
63) Azobenzene	15.827	77	1883090	39.202	ng	94
65) 4,6-Dinitro-2-methylph...	15.621	198	342983	43.723	ng	96
66) n-Nitrosodiphenylamine	15.751	169	1617528	37.348	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	554998	36.166	ng	96
68) Hexachlorobenzene	16.533	284	644758	36.618	ng	95
69) Atrazine	16.704	200	499263	41.198	ng	98
70) Pentachlorophenol	16.886	266	419266	40.657	ng	99
71) Phenanthrene	17.274	178	2966723	37.956	ng	99
72) Anthracene	17.368	178	2936780	38.810	ng	99
73) Carbazole	17.639	167	3042501	39.682	ng	99
74) Di-n-butylphthalate	18.203	149	3506284	38.309	ng	99
75) Fluoranthene	19.292	202	3431806	39.224	ng	99
77) Benzidine	19.486	184	878506	39.423	ng	99
78) Pyrene	19.656	202	3573499	38.783	ng	99
80) Butylbenzylphthalate	20.556	149	1598035	40.184	ng	98
81) Benzo(a)anthracene	21.403	228	3483503	38.062	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	909347	40.919	ng	100
83) Chrysene	21.456	228	3309379	38.039	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2235949	37.268	ng	99
85) Di-n-octyl phthalate	22.244	149	3767239	38.475	ng	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	4127571	38.223	ng	99
88) Benzo(b)fluoranthene	23.056	252	3370890	37.442	ng	98
89) Benzo(k)fluoranthene	23.103	252	3387401	37.253	ng	98
90) Benzo(a)pyrene	23.668	252	2893398	38.304	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	3470731	38.397	ng	99
92) Benzo(g,h,i)perylene	26.979	276	3392985	38.774	ng	99

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

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