Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038773.D
Acq On : 17 Feb 2023 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 17 23:15:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

02/18/2023
Supervised By :mohammad ahmed

02/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	71041	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	253277	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	159636	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	310014	20.000	ng	#	0.00
76) Chrysene-d12	21.492	240	300071	20.000	ng		0.00
86) Perylene-d12	23.874	264	342073	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	320632	88.412	ng		0.00
7) Phenol-d6	7.087	99	385355	93.167	ng		0.00
23) Nitrobenzene-d5	9.092	82	358042	80.295	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	191769	88.381	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	1065942	85.009	ng		0.00
79) Terphenyl-d14	19.927	244	1641480	96.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	59855	37.438	ng	#	91
3) Pyridine	3.722	79	156119	41.065	ng		93
4) n-Nitrosodimethylamine	3.640	42	60742	35.392	ng	#	78
6) Aniline	7.240	93	233167	45.192	ng	#	92
8) 2-Chlorophenol	7.475	128	181530	45.873	ng		94
9) Benzaldehyde	7.051	77	76330	41.870	ng		89
10) Phenol	7.116	94	191112	45.736	ng		89
11) bis(2-Chloroethyl)ether	7.340	93	151420	44.746	ng		93
12) 1,3-Dichlorobenzene	7.792	146	215804	42.682	ng		99
13) 1,4-Dichlorobenzene	7.945	146	218199	42.762	ng		98
14) 1,2-Dichlorobenzene	8.263	146	208239	42.599	ng		96
15) Benzyl Alcohol	8.163	79	129755	42.621	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	115947	36.173	ng		92
17) 2-Methylphenol	8.369	107	146630	45.749	ng		95
18) Hexachloroethane	8.986	117	73755	44.757	ng		93
19) n-Nitroso-di-n-propyla...	8.734	70	110574	44.351	ng		89
20) 3+4-Methylphenols	8.704	107	198019	46.338	ng		95
22) Acetophenone	8.745	105	250164	41.417	ng	#	96
24) Nitrobenzene	9.134	77	174601	38.578	ng		90
25) Isophorone	9.657	82	314385	40.247	ng		98
26) 2-Nitrophenol	9.845	139	108062	42.908	ng		93
27) 2,4-Dimethylphenol	9.904	122	156549	43.083	ng		96
28) bis(2-Chloroethoxy)met...	10.139	93	192895	40.407	ng		98
29) 2,4-Dichlorophenol	10.381	162	196201	38.006	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	197509	35.967	ng		98
31) Naphthalene	10.775	128	550771	42.376	ng		98
32) Benzoic acid	10.086	122	126603	43.041	ng		96
33) 4-Chloroaniline	10.898	127	242096	42.503	ng		96
34) Hexachlorobutadiene	11.045	225	114126	41.487	ng		97
35) Caprolactam	11.716	113	48068	43.234	ng		88
36) 4-Chloro-3-methylphenol	12.027	107	155126	40.638	ng		97
37) 2-Methylnaphthalene	12.386	142	423235	40.296	ng		99
38) 1-Methylnaphthalene	12.604	142	393916	39.802	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	185852	44.734	ng		99
41) Hexachlorocyclopentadiene	12.722	237	112675	43.705	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	140540	43.059	ng		97

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44) 2,4,5-Trichlorophenol	13.074	196	161972	42.171	ng		94
46) 1,1'-Biphenyl	13.398	154	554708	43.866	ng		99
47) 2-Chloronaphthalene	13.439	162	426532	42.865	ng		95
48) 2-Nitroaniline	13.657	65	92061	41.312	ng		94
49) Acenaphthylene	14.286	152	684422	43.669	ng		99
50) Dimethylphthalate	14.027	163	548218	42.083	ng		100
51) 2,6-Dinitrotoluene	14.157	165	114603	43.283	ng		97
52) Acenaphthene	14.627	154	401012	42.851	ng		99
53) 3-Nitroaniline	14.486	138	121288	43.912	ng		99
54) 2,4-Dinitrophenol	14.698	184	71314	41.380	ng	#	89
55) Dibenzofuran	14.963	168	654799	40.633	ng		97
56) 4-Nitrophenol	14.804	139	93640	44.096	ng		93
57) 2,4-Dinitrotoluene	14.945	165	158531	40.829	ng		98
58) Fluorene	15.610	166	532014	41.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	117781	44.060	ng		98
60) Diethylphthalate	15.380	149	552914	44.802	ng		95
61) 4-Chlorophenyl-phenyle...	15.598	204	244190	45.142	ng		98
62) 4-Nitroaniline	15.651	138	122360m	43.206	ng		
63) Azobenzene	15.892	77	405180	42.673	ng		96
65) 4,6-Dinitro-2-methylph...	15.710	198	85480	43.800	ng		96
66) n-Nitrosodiphenylamine	15.821	169	440779	43.545	ng		100
67) 4-Bromophenyl-phenylether	16.492	248	140688	47.000	ng		94
68) Hexachlorobenzene	16.610	284	164628	45.001	ng		98
69) Atrazine	16.774	200	132966	45.321	ng		96
70) Pentachlorophenol	16.962	266	114522	42.943	ng		100
71) Phenanthrene	17.351	178	778389	42.286	ng		99
72) Anthracene	17.439	178	805033	42.750	ng		99
73) Carbazole	17.721	167	736573	41.940	ng		98
74) Di-n-butylphthalate	18.268	149	957210	48.241	ng		100
75) Fluoranthene	19.362	202	882822	45.678	ng		100
77) Benzidine	19.556	184	264704	30.571	ng		99
78) Pyrene	19.727	202	923106	39.957	ng		99
80) Butylbenzylphthalate	20.621	149	459976	40.318	ng		95
81) Benzo(a)anthracene	21.474	228	936992	44.143	ng		99
82) 3,3'-Dichlorobenzidine	21.409	252	323027	44.235	ng		99
83) Chrysene	21.527	228	876541	42.860	ng		100
84) Bis(2-ethylhexyl)phtha...	21.386	149	680952	40.917	ng	#	100
85) Di-n-octyl phthalate	22.303	149	1159355	42.633	ng		98
87) Indeno(1,2,3-cd)pyrene	26.379	276	1217203	45.175	ng		98
88) Benzo(b)fluoranthene	23.150	252	934410	45.606	ng		99
89) Benzo(k)fluoranthene	23.197	252	950762	45.697	ng		99
90) Benzo(a)pyrene	23.774	252	902846	44.559	ng		99
91) Dibenzo(a,h)anthracene	26.385	278	1037744	45.779	ng		98
92) Benzo(g,h,i)perylene	27.144	276	930949	40.627	ng		98

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

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