Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030333.D
Acq On : 09 Jun 2021 09:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/9/2021 3:54:10 PM

Quant Time: Jun 09 12:43:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	248965	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	988031	20.000	ng	#	0.00
39) Acenaphthene-d10	14.474	164	644510	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1326417	20.000	ng	#	0.00
76) Chrysene-d12	21.368	240	1301241	20.000	ng		0.00
86) Perylene-d12	23.650	264	1230121	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1156488	75.515	ng		0.00
7) Phenol-d6	7.010	99	1671458	75.392	ng		0.00
23) Nitrobenzene-d5	9.004	82	1517660	74.832	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	638235	78.763	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3715443	75.810	ng		0.00
79) Terphenyl-d14	19.821	244	5678484	76.649	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	251724	38.022	ng		90
3) Pyridine	3.746	79	641504m	37.958	ng		
4) n-Nitrosodimethylamine	3.657	42	307955	35.895	ng		82
6) Aniline	7.181	93	917332	36.258	ng		96
8) 2-Chlorophenol	7.410	128	670304	37.292	ng		97
9) Benzaldehyde	6.993	77	370041	39.961	ng		95
10) Phenol	7.034	94	812462	36.276	ng		94
11) bis(2-Chloroethyl)ether	7.275	93	632834	35.862	ng		95
12) 1,3-Dichlorobenzene	7.740	146	725424	36.631	ng		97
13) 1,4-Dichlorobenzene	7.887	146	742086	36.771	ng		99
14) 1,2-Dichlorobenzene	8.198	146	719034	36.626	ng		99
15) Benzyl Alcohol	8.087	79	567449	36.472	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.375	45	975871	34.367	ng		90
17) 2-Methylphenol	8.281	107	543037	37.415	ng		93
18) Hexachloroethane	8.928	117	266066	36.682	ng		96
19) n-Nitroso-di-n-propyla...	8.651	70	523807	35.585	ng		99
20) 3+4-Methylphenols	8.610	107	729264	36.931	ng		96
22) Acetophenone	8.669	105	988153	37.433	ng	#	98
24) Nitrobenzene	9.045	77	767886	36.297	ng		97
25) Isophorone	9.569	82	1396697	35.932	ng		99
26) 2-Nitrophenol	9.757	139	329054	36.363	ng		96
27) 2,4-Dimethylphenol	9.810	122	559513	37.187	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	789671	35.731	ng		99
29) 2,4-Dichlorophenol	10.281	162	644230	38.195	ng		96
30) 1,2,4-Trichlorobenzene	10.504	180	718489	37.319	ng		99
31) Naphthalene	10.686	128	2093821	36.380	ng		99
32) Benzoic acid	9.951	122	422437	37.391	ng		92
33) 4-Chloroaniline	10.792	127	864517	36.909	ng		97
34) Hexachlorobutadiene	10.975	225	436591	37.989	ng		97
35) Caprolactam	11.580	113	197465	35.729	ng	#	86
36) 4-Chloro-3-methylphenol	11.910	107	654958	37.071	ng		98
37) 2-Methylnaphthalene	12.298	142	1553973	36.799	ng		98
38) 1-Methylnaphthalene	12.516	142	1453786	36.144	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	804529	38.727	ng		99
41) Hexachlorocyclopentadiene	12.651	237	441209	38.734	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	548799	39.076	ng		99

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44) 2,4,5-Trichlorophenol	12.969	196	597617	38.793	ng		98
46) 1,1'-Biphenyl	13.310	154	1954633	37.450	ng		98
47) 2-Chloronaphthalene	13.351	162	1539356	36.488	ng		98
48) 2-Nitroaniline	13.551	65	419571	33.925	ng		98
49) Acenaphthylene	14.198	152	2397671	37.099	ng		99
50) Dimethylphthalate	13.933	163	1855057	36.166	ng		100
51) 2,6-Dinitrotoluene	14.045	165	419801	37.128	ng		97
52) Acenaphthene	14.539	154	1490263	36.100	ng		98
53) 3-Nitroaniline	14.374	138	420121	34.508	ng		99
54) 2,4-Dinitrophenol	14.580	184	231023	38.738	ng		86
55) Dibenzofuran	14.868	168	2372000	36.111	ng		100
56) 4-Nitrophenol	14.669	139	364910	38.007	ng		94
57) 2,4-Dinitrotoluene	14.833	165	559243	35.802	ng		98
58) Fluorene	15.516	166	1989241	36.708	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	517811	38.836	ng		97
60) Diethylphthalate	15.292	149	1849490	36.070	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	983892	36.840	ng		94
62) 4-Nitroaniline	15.533	138	444640	34.722	ng		87
63) Azobenzene	15.804	77	1866532	36.041	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	337353	39.029	ng		95
66) n-Nitrosodiphenylamine	15.721	169	1684757	36.524	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	559088	36.170	ng		97
68) Hexachlorobenzene	16.521	284	643637	36.723	ng		98
69) Atrazine	16.668	200	545534	44.159	ng		96
70) Pentachlorophenol	16.857	266	412871	40.247	ng		96
71) Phenanthrene	17.251	178	3031109	36.316	ng		100
72) Anthracene	17.339	178	2994880	36.956	ng		100
73) Carbazole	17.604	167	2853560	36.924	ng		100
74) Di-n-butylphthalate	18.168	149	3116122	38.675	ng		99
75) Fluoranthene	19.256	202	3511769	37.068	ng		97
77) Benzidine	19.439	184	1213603	52.711	ng		99
78) Pyrene	19.621	202	3633306	36.848	ng		100
80) Butylbenzylphthalate	20.509	149	1346616	34.316	ng		97
81) Benzo(a)anthracene	21.356	228	3524226	37.213	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	1080935	37.703	ng		100
83) Chrysene	21.409	228	3420296	37.162	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2085797	35.198	ng		98
85) Di-n-octyl phthalate	22.168	149	3384745	36.815	ng		99
87) Indeno(1,2,3-cd)pyrene	25.980	276	3616178	38.649	ng		97
88) Benzo(b)fluoranthene	22.962	252	3413236	36.661	ng		98
89) Benzo(k)fluoranthene	23.009	252	3304546	36.341	ng	#	99
90) Benzo(a)pyrene	23.550	252	3061000	37.180	ng		99
91) Dibenzo(a,h)anthracene	25.985	278	3107116	38.516	ng		98
92) Benzo(g,h,i)perylene	26.685	276	2935284	38.254	ng		97

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

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