Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
Data File : BM033486.D
Acq On : 16 Dec 2021 15:11
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 16 16:11:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 15:33:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	31838	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	132392	20.000	ng	#	0.00
39) Acenaphthene-d10	14.589	164	93834	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	199497	20.000	ng		0.00
76) Chrysene-d12	21.512	240	161887	20.000	ng		0.00
86) Perylene-d12	23.936	264	134035	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	204451	105.348	ng		0.00
7) Phenol-d6	7.113	99	285299	105.432	ng		0.00
23) Nitrobenzene-d5	9.113	82	350224	112.323	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	121470	121.015	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	743571	109.613	ng		0.00
79) Terphenyl-d14	19.959	244	1135706	129.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	37805	43.708	ng		96
3) Pyridine	3.802	79	107575	48.985	ng	#	90
4) n-Nitrosodimethylamine	3.707	42	77025	60.181	ng		87
6) Aniline	7.272	93	160298	52.716	ng		98
8) 2-Chlorophenol	7.507	128	112308	54.869	ng		96
10) Phenol	7.143	94	142597	52.790	ng		89
11) bis(2-Chloroethyl)ether	7.366	93	108510	51.183	ng		97
12) 1,3-Dichlorobenzene	7.825	146	132629	55.133	ng		94
13) 1,4-Dichlorobenzene	7.978	146	134585	55.058	ng		98
14) 1,2-Dichlorobenzene	8.295	146	135042	56.470	ng		99
15) Benzyl Alcohol	8.190	79	135339	60.453	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.478	45	191415	51.111	ng		99
17) 2-Methylphenol	8.389	107	104843	57.005	ng		93
18) Hexachloroethane	9.019	117	56946	59.327	ng		98
19) n-Nitroso-di-n-propyla...	8.760	70	110391	57.000	ng		93
20) 3+4-Methylphenols	8.725	107	141660	56.757	ng		96
22) Acetophenone	8.778	105	200533	55.984	ng		94
24) Nitrobenzene	9.154	77	168989	56.629	ng		95
25) Isophorone	9.689	82	273013	57.655	ng		98
26) 2-Nitrophenol	9.866	139	62623	57.097	ng	#	87
27) 2,4-Dimethylphenol	9.931	122	96746	55.383	ng		94
28) bis(2-Chloroethoxy)met...	10.166	93	154193	51.557	ng		99
29) 2,4-Dichlorophenol	10.401	162	116264	57.534	ng		98
30) 1,2,4-Trichlorobenzene	10.613	180	136260	57.227	ng		98
31) Naphthalene	10.801	128	392485	55.471	ng		99
32) Benzoic acid	10.101	122	72830	57.571	ng		98
33) 4-Chloroaniline	10.925	127	146130	53.265	ng		96
34) Hexachlorobutadiene	11.078	225	93296	62.036	ng		98
35) Caprolactam	11.742	113	24102	61.206	ng		94
36) 4-Chloro-3-methylphenol	12.048	107	147310	60.688	ng		98
37) 2-Methylnaphthalene	12.413	142	277669	57.409	ng		96
38) 1-Methylnaphthalene	12.630	142	274070m	57.463	ng		
40) 1,2,4,5-Tetrachloroben...	12.777	216	149799	54.029	ng		99
41) Hexachlorocyclopentadiene	12.754	237	73552	49.792	ng		99
43) 2,4,6-Trichlorophenol	13.024	196	105900	57.695	ng		98
44) 2,4,5-Trichlorophenol	13.095	196	109131	55.461	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.424	154	382904	53.576	ng		98
47) 2-Chloronaphthalene	13.466	162	297344	54.239	ng		96
48) 2-Nitroaniline	13.677	65	112917	58.097	ng		95
49) Acenaphthylene	14.313	152	472347	54.774	ng		98
50) Dimethylphthalate	14.054	163	389534	57.140	ng		99
51) 2,6-Dinitrotoluene	14.171	165	77979	56.065	ng	#	81
52) Acenaphthene	14.654	154	284988	54.506	ng		99
53) 3-Nitroaniline	14.507	138	79090	54.577	ng		96
54) 2,4-Dinitrophenol	14.713	184	41172	53.485	ng	#	85
55) Dibenzofuran	14.989	168	478493	55.057	ng		94
56) 4-Nitrophenol	14.818	139	57931	52.965	ng	#	82
57) 2,4-Dinitrotoluene	14.960	165	110909	60.484	ng		94
58) Fluorene	15.636	166	385185	56.316	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.213	232	98365	57.756	ng		95
60) Diethylphthalate	15.413	149	421313	61.309	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	201272	57.737	ng		94
62) 4-Nitroaniline	15.671	138	79170	52.012	ng	#	73
63) Azobenzene	15.924	77	481545	60.661	ng		96
65) 4,6-Dinitro-2-methylph...	15.718	198	66534	59.022	ng		99
66) n-Nitrosodiphenylamine	15.848	169	332696	55.064	ng		97
67) 4-Bromophenyl-phenylether	16.524	248	118754	56.657	ng	#	87
68) Hexachlorobenzene	16.636	284	127679	56.209	ng		98
69) Atrazine	16.801	200	64837	52.457	ng		99
70) Pentachlorophenol	16.983	266	77966	62.464	ng		99
71) Phenanthrene	17.377	178	609480	54.569	ng		98
72) Anthracene	17.471	178	607027	55.628	ng		99
73) Carbazole	17.748	167	551591	52.463	ng		99
74) Di-n-butylphthalate	18.301	149	753348	65.499	ng	#	98
75) Fluoranthene	19.389	202	697027	56.145	ng		97
77) Benzidine	19.589	184	44214	20.261	ng		96
78) Pyrene	19.753	202	708877	62.523	ng		99
80) Butylbenzylphthalate	20.648	149	324504	72.581	ng		94
81) Benzo(a)anthracene	21.500	228	596600	56.116	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	246155	51.117	ng		99
83) Chrysene	21.553	228	575717	56.039	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	463700	74.094	ng		99
85) Di-n-octyl phthalate	22.359	149	753043	72.157	ng		100
87) Indeno(1,2,3-cd)pyrene	26.447	276	375129	40.805	ng	#	94
88) Benzo(b)fluoranthene	23.200	252	486897	57.693	ng		98
89) Benzo(k)fluoranthene	23.247	252	480103	57.590	ng	#	96
90) Benzo(a)pyrene	23.830	252	372748	53.491	ng		98
91) Dibenzo(a,h)anthracene	26.471	278	289302	37.296	ng		98
92) Benzo(g,h,i)perylene	27.224	276	355054	46.802	ng		97

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

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