Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
Data File : BM033325.D
Acq On : 07 Dec 2021 16:04
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:41:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:34:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	64054	20.000	ng		0.00
21) Naphthalene-d8	10.713	136	264553	20.000	ng		0.00
39) Acenaphthene-d10	14.542	164	173092	20.000	ng		0.00
64) Phenanthrene-d10	17.277	188	371364	20.000	ng		0.00
76) Chrysene-d12	21.442	240	380582	20.000	ng		0.00
86) Perylene-d12	23.771	264	375064	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	46723	12.046	ng		0.00
7) Phenol-d6	7.090	99	62684	12.067	ng		0.00
23) Nitrobenzene-d5	9.078	82	66386	11.649	ng		0.00
42) 2,4,6-Tribromophenol	16.030	330	18917	10.026	ng		0.00
45) 2-Fluorobiphenyl	13.166	172	143423	11.686	ng		0.00
79) Terphenyl-d14	19.889	244	222073	11.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	14859	8.985	ng		98
3) Pyridine	3.813	79	26618m	6.337	ng		
4) n-Nitrosodimethylamine	3.725	42	14770	6.923	ng	#	93
6) Aniline	7.248	93	35363	6.045	ng		99
8) 2-Chlorophenol	7.484	128	24591	6.089	ng		97
10) Phenol	7.119	94	31473	5.991	ng		97
11) bis(2-Chloroethyl)ether	7.337	93	26417	6.572	ng		98
12) 1,3-Dichlorobenzene	7.801	146	29695	6.258	ng		97
13) 1,4-Dichlorobenzene	7.948	146	29424	6.061	ng		98
14) 1,2-Dichlorobenzene	8.266	146	28522	6.152	ng		99
15) Benzyl Alcohol	8.160	79	25502	6.308	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.431	45	46798	6.569	ng		99
17) 2-Methylphenol	8.366	107	20258	5.841	ng		95
18) Hexachloroethane	8.989	117	10812	6.134	ng		94
19) n-Nitroso-di-n-propyla...	8.719	70	21878	6.334	ng	#	95
20) 3+4-Methylphenols	8.695	107	27972	5.955	ng		96
22) Acetophenone	8.737	105	40020	5.878	ng	#	99
24) Nitrobenzene	9.125	77	31994	5.828	ng		97
25) Isophorone	9.642	82	51574	5.787	ng		97
26) 2-Nitrophenol	9.831	139	10586	5.170	ng		90
27) 2,4-Dimethylphenol	9.889	122	19929	5.699	ng		92
28) bis(2-Chloroethoxy)met...	10.125	93	33648	5.795	ng		99
29) 2,4-Dichlorophenol	10.372	162	20314	5.128	ng		96
30) 1,2,4-Trichlorobenzene	10.572	180	26628	5.663	ng		97
31) Naphthalene	10.760	128	81871	5.867	ng		99
32) Benzoic acid	9.972	122	10654m	5.159	ng		
33) 4-Chloroaniline	10.883	127	29216	5.444	ng		96
34) Hexachlorobutadiene	11.036	225	17310	5.956	ng		96
35) Caprolactam	11.672	113	4555	6.007	ng		94
36) 4-Chloro-3-methylphenol	12.001	107	25488	5.660	ng		94
37) 2-Methylnaphthalene	12.366	142	54629	5.750	ng		99
38) 1-Methylnaphthalene	12.589	142	53777	5.802	ng		97
40) 1,2,4,5-Tetrachloroben...	12.736	216	28374	5.462	ng		99
41) Hexachlorocyclopentadiene	12.707	237	11981	4.645	ng		98
43) 2,4,6-Trichlorophenol	12.977	196	17600	5.303	ng		91
44) 2,4,5-Trichlorophenol	13.060	196	19282	5.303	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.377	154	75921	5.834	ng		97
47) 2-Chloronaphthalene	13.419	162	57377	5.770	ng		99
48) 2-Nitroaniline	13.630	65	17031	5.299	ng		96
49) Acenaphthylene	14.266	152	86331	5.559	ng		97
50) Dimethylphthalate	13.995	163	71964	5.850	ng		100
51) 2,6-Dinitrotoluene	14.119	165	13009	5.282	ng		91
52) Acenaphthene	14.601	154	55326	5.797	ng		96
53) 3-Nitroaniline	14.454	138	12632	4.813	ng		98
54) 2,4-Dinitrophenol	14.660	184	5012	3.873	ng		98
55) Dibenzofuran	14.942	168	94038	5.926	ng		98
56) 4-Nitrophenol	14.783	139	9090m	4.322	ng		
57) 2,4-Dinitrotoluene	14.907	165	16431	5.093	ng	#	85
58) Fluorene	15.589	166	70137	5.644	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.166	232	17446	5.485	ng	#	94
60) Diethylphthalate	15.354	149	73891	6.054	ng		98
61) 4-Chlorophenyl-phenyle...	15.577	204	37010	5.841	ng		96
62) 4-Nitroaniline	15.618	138	12861	4.726	ng		92
63) Azobenzene	15.871	77	78998	5.847	ng		96
65) 4,6-Dinitro-2-methylph...	15.666	198	8525	4.432	ng		93
66) n-Nitrosodiphenylamine	15.795	169	58771	5.394	ng		99
67) 4-Bromophenyl-phenylether	16.471	248	21540	5.549	ng		95
68) Hexachlorobenzene	16.583	284	23805	5.587	ng		95
69) Atrazine	16.742	200	13257	5.824	ng		94
70) Pentachlorophenol	16.936	266	10194m	4.060	ng		
71) Phenanthrene	17.324	178	120126	5.885	ng		99
72) Anthracene	17.412	178	113118	5.744	ng		98
73) Carbazole	17.689	167	108515	5.539	ng		99
74) Di-n-butylphthalate	18.236	149	115054	5.654	ng		99
75) Fluoranthene	19.330	202	135014	5.756	ng		99
78) Pyrene	19.689	202	141757	5.658	ng		99
80) Butylbenzylphthalate	20.577	149	53586	5.718	ng		92
81) Benzo(a)anthracene	21.424	228	139892	5.727	ng		99
82) 3,3'-Dichlorobenzidine	21.365	252	63139	5.723	ng		97
83) Chrysene	21.477	228	136517	5.737	ng		98
84) Bis(2-ethylhexyl)phtha...	21.348	149	76386	5.788	ng	#	99
85) Di-n-octyl phthalate	22.247	149	131735	5.879	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.147	276	145221	5.639	ng		100
88) Benzo(b)fluoranthene	23.065	252	134386	5.899	ng		99
89) Benzo(k)fluoranthene	23.106	252	128298	5.613	ng		99
90) Benzo(a)pyrene	23.665	252	109040	5.715	ng		97
91) Dibenzo(a,h)anthracene	26.159	278	123234	5.715	ng		98
92) Benzo(g,h,i)perylene	26.877	276	120936	5.623	ng		97

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

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