Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124671.D
Acq On : 21 Jul 2021 20:17
Operator : JU/CG
Sample : M3093-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210528-COM-1MS

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:05 PM

Quant Time: Jul 22 01:29:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	5784	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	23229	20.000	ng		# 0.00
39) Acenaphthene-d10	9.933	164	12429	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	21833	20.000	ng		# 0.00
76) Chrysene-d12	14.057	240	13471	20.000	ng		0.00
86) Perylene-d12	15.539	264	13649	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	38334	114.828	ng		0.00
7) Phenol-d6	6.516	99	44229	108.908	ng		0.00
23) Nitrobenzene-d5	7.457	82	28370	77.098	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	12312	127.294	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	62943	73.848	ng		0.00
79) Terphenyl-d14	13.004	244	56036	69.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	5279	47.400	ng	#	100
3) Pyridine	3.481	79	11692	41.748	ng		94
4) n-Nitrosodimethylamine	3.440	42	11625m	51.069	ng		
6) Aniline	6.551	93	21997	51.406	ng		96
8) 2-Chlorophenol	6.675	128	19227	51.372	ng		98
9) Benzaldehyde	6.439	77	10741	45.082	ng		90
10) Phenol	6.528	94	20577	51.897	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	16194	52.681	ng		96
12) 1,3-Dichlorobenzene	6.833	146	21225	51.814	ng		96
13) 1,4-Dichlorobenzene	6.910	146	21543	51.489	ng		98
14) 1,2-Dichlorobenzene	7.063	146	20374	51.240	ng		99
15) Benzyl Alcohol	7.028	79	13703	48.764	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29308	55.316	ng		99
17) 2-Methylphenol	7.139	107	14511	52.969	ng		98
18) Hexachloroethane	7.404	117	8107	51.454	ng	#	84
19) n-Nitroso-di-n-propyla...	7.304	70	12513	54.803	ng	#	96
20) 3+4-Methylphenols	7.292	107	18874	52.329	ng		93
22) Acetophenone	7.298	105	26484	50.237	ng	#	95
24) Nitrobenzene	7.475	77	17467	47.872	ng		98
25) Isophorone	7.716	82	32461	48.054	ng		95
26) 2-Nitrophenol	7.786	139	10622	53.967	ng		94
27) 2,4-Dimethylphenol	7.822	122	18037	55.304	ng		90
28) bis(2-Chloroethoxy)met...	7.922	93	21877	55.520	ng		96
29) 2,4-Dichlorophenol	8.028	162	16241	48.278	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	17343	46.585	ng		97
31) Naphthalene	8.198	128	56940	47.393	ng		98
32) Benzoic acid	7.945	122	11363	46.104	ng		96
33) 4-Chloroaniline	8.239	127	16854	37.122	ng		95
34) Hexachlorobutadiene	8.310	225	10624	50.558	ng		99
35) Caprolactam	8.616	113	4133m	48.572	ng		
36) 4-Chloro-3-methylphenol	8.722	107	16356	49.167	ng		99
37) 2-Methylnaphthalene	8.886	142	39212	48.366	ng		100
38) 1-Methylnaphthalene	8.986	142	35678	46.859	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	17443	52.619	ng		97
41) Hexachlorocyclopentadiene	9.045	237	25485	123.070	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	12172	50.861	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	12659	51.287	ng		96
46) 1,1'-Biphenyl	9.351	154	46287	49.034	ng		98
47) 2-Chloronaphthalene	9.380	162	37085	50.107	ng		97
48) 2-Nitroaniline	9.469	65	9671	54.338	ng		97
49) Acenaphthylene	9.798	152	57433	49.727	ng		100
50) Dimethylphthalate	9.657	163	44088	50.984	ng		99
51) 2,6-Dinitrotoluene	9.716	165	8964	52.583	ng		92
52) Acenaphthene	9.969	154	40718	55.136	ng		99
53) 3-Nitroaniline	9.880	138	6978	36.682	ng		90
54) 2,4-Dinitrophenol	9.986	184	9991	112.318	ng		90
55) Dibenzofuran	10.139	168	52090	47.973	ng		98
56) 4-Nitrophenol	10.039	139	14641	92.474	ng		88
57) 2,4-Dinitrotoluene	10.121	165	12284	52.635	ng	#	84
58) Fluorene	10.480	166	40819	48.601	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	9691	50.838	ng	#	96
60) Diethylphthalate	10.357	149	46867	51.835	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	20184	52.945	ng		92
62) 4-Nitroaniline	10.498	138	9351	48.774	ng		92
63) Azobenzene	10.633	77	38897	49.216	ng		97
65) 4,6-Dinitro-2-methylph...	10.527	198	6163	49.414	ng	#	73
66) n-Nitrosodiphenylamine	10.592	169	34438	48.442	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	11832	52.409	ng	#	86
68) Hexachlorobenzene	11.027	284	12325	53.284	ng		95
69) Atrazine	11.121	200	10821	49.700	ng		98
70) Pentachlorophenol	11.221	266	13720	93.775	ng		95
71) Phenanthrene	11.445	178	55599	46.677	ng		99
72) Anthracene	11.498	178	57550	48.160	ng		99
73) Carbazole	11.651	167	46872	42.450	ng		98
74) Di-n-butylphthalate	11.980	149	74233	49.907	ng		100
75) Fluoranthene	12.633	202	51260	42.654	ng		98
77) Benzidine	12.751	184	29433	58.445	ng		97
78) Pyrene	12.863	202	50520	45.139	ng		98
80) Butylbenzylphthalate	13.480	149	26758	49.447	ng		97
81) Benzo(a)anthracene	14.051	228	41603	46.567	ng		98
82) 3,3'-Dichlorobenzidine	14.009	252	12019	51.359	ng		98
83) Chrysene	14.086	228	39875	46.591	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	41878	57.641	ng		100
85) Di-n-octyl phthalate	14.651	149	71472	67.984	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	48058	60.711	ng		97
88) Benzo(b)fluoranthene	15.104	252	45319m	46.259	ng		
89) Benzo(k)fluoranthene	15.139	252	37757	42.005	ng		99
90) Benzo(a)pyrene	15.480	252	41631	51.480	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	41256	61.230	ng		99
92) Benzo(g,h,i)perylene	17.492	276	39915	60.677	ng		92

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

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