Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124022.D
Acq On : 21 May 2021 17:14
Operator : JU/CG
Sample : M2366-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-AMSD

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:18 PM

Quant Time: May 21 17:35:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	49327	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	190336	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	113352	20.00	ng		-0.01
64) Phenanthrene-d10	11.416	188	224961	20.00	ng		#-0.01
76) Chrysene-d12	14.063	240	177685	20.00	ng		0.00
86) Perylene-d12	15.545	264	145538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	402911	114.68	ng		0.02
7) Phenol-d6	6.522	99	480390	105.41	ng		0.00
23) Nitrobenzene-d5	7.457	82	406472	92.01	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	219092	160.92	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	778971	84.57	ng		-0.01
79) Terphenyl-d14	13.010	244	1066913	90.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	51908	33.64	ng	#	81
3) Pyridine	3.551	79	107192	26.92	ng		96
4) n-Nitrosodimethylamine	3.493	42	103712	40.10	ng		87
6) Aniline	6.551	93	55852	10.79	ng	#	87
8) 2-Chlorophenol	6.675	128	150934	41.28	ng		90
9) Benzaldehyde	6.440	77	75041	38.05	ng		90
10) Phenol	6.534	94	188111	40.84	ng		93
11) bis(2-Chloroethyl)ether	6.628	93	153759	42.95	ng		98
12) 1,3-Dichlorobenzene	6.834	146	148384	34.84	ng		95
13) 1,4-Dichlorobenzene	6.910	146	156111	35.82	ng		95
14) 1,2-Dichlorobenzene	7.063	146	148388	36.44	ng		95
15) Benzyl Alcohol	7.034	79	175515	44.59	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	300387	41.68	ng		97
17) 2-Methylphenol	7.145	107	130353	43.97	ng		93
18) Hexachloroethane	7.404	117	54865	33.97	ng		89
19) n-Nitroso-di-n-propyla...	7.304	70	139371	45.26	ng		98
20) 3+4-Methylphenols	7.298	107	175017	44.82	ng	#	82
22) Acetophenone	7.304	105	241761	44.73	ng	#	98
24) Nitrobenzene	7.475	77	195629	43.31	ng		97
25) Isophorone	7.716	82	351912	41.41	ng	#	96
26) 2-Nitrophenol	7.787	139	86472	50.89	ng		98
27) 2,4-Dimethylphenol	7.828	122	142638	43.84	ng		91
28) bis(2-Chloroethoxy)met...	7.922	93	200467	46.91	ng		99
29) 2,4-Dichlorophenol	8.034	162	146280	44.42	ng		91
30) 1,2,4-Trichlorobenzene	8.116	180	143036	38.63	ng		95
31) Naphthalene	8.198	128	441326	39.18	ng		98
32) Benzoic acid	7.951	122	90772	50.83	ng		91
33) 4-Chloroaniline	8.239	127	20235m	4.72	ng		
34) Hexachlorobutadiene	8.316	225	88056	36.33	ng		99
35) Caprolactam	8.616	113	42568m	47.48	ng		
36) 4-Chloro-3-methylphenol	8.722	107	171239	47.55	ng		94
37) 2-Methylnaphthalene	8.886	142	331855	43.47	ng		98
38) 1-Methylnaphthalene	8.986	142	302880	42.51	ng		93
40) 1,2,4,5-Tetrachloroben...	9.057	216	168764	41.28	ng		98
41) Hexachlorocyclopentadiene	9.045	237	180523	69.42	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	112356	42.36	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	124806	45.29	ng		95
46) 1,1'-Biphenyl	9.351	154	427187	42.79	ng		96
47) 2-Chloronaphthalene	9.381	162	320225	40.38	ng		98
48) 2-Nitroaniline	9.469	65	132710	49.56	ng		94
49) Acenaphthylene	9.798	152	505375	43.13	ng		98
50) Dimethylphthalate	9.657	163	436481	48.22	ng		99
51) 2,6-Dinitrotoluene	9.716	165	92044	50.29	ng		87
52) Acenaphthene	9.969	154	397579m	49.57	ng		
53) 3-Nitroaniline	9.880	138	45616	25.08	ng		95
54) 2,4-Dinitrophenol	9.992	184	103963	103.32	ng	#	88
55) Dibenzofuran	10.139	168	504184	43.77	ng		100
56) 4-Nitrophenol	10.045	139	145048	96.40	ng		94
57) 2,4-Dinitrotoluene	10.122	165	130399	58.08	ng		94
58) Fluorene	10.480	166	400209	46.11	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.257	232	111281	49.11	ng	#	91
60) Diethylphthalate	10.357	149	443236	49.45	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	202661	46.59	ng		93
62) 4-Nitroaniline	10.504	138	93831	51.86	ng		95
63) Azobenzene	10.633	77	449585	45.10	ng		93
65) 4,6-Dinitro-2-methylph...	10.528	198	68722	47.48	ng		90
66) n-Nitrosodiphenylamine	10.592	169	352618	41.02	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	126961	42.94	ng		93
68) Hexachlorobenzene	11.033	284	142282	43.11	ng	#	92
69) Atrazine	11.122	200	132869	54.73	ng		99
70) Pentachlorophenol	11.227	266	170610	87.19	ng		97
71) Phenanthrene	11.445	178	616606	43.25	ng		99
72) Anthracene	11.498	178	630539	43.64	ng		98
73) Carbazole	11.651	167	535477	42.37	ng		99
74) Di-n-butylphthalate	11.980	149	755549	47.76	ng		99
75) Fluoranthene	12.633	202	679235	46.01	ng		99
77) Benzidine	12.745	184	64864	15.13	ng	#	93
78) Pyrene	12.863	202	671734	42.58	ng		97
80) Butylbenzylphthalate	13.480	149	316132	51.10	ng		96
81) Benzo(a)anthracene	14.051	228	541628	42.15	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	75556	18.93	ng	#	98
83) Chrysene	14.092	228	532419	43.08	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	455224	52.15	ng		99
85) Di-n-octyl phthalate	14.657	149	685803	51.97	ng		97
87) Indeno(1,2,3-cd)pyrene	17.057	276	463435	41.23	ng		96
88) Benzo(b)fluoranthene	15.115	252	479566	42.60	ng		99
89) Benzo(k)fluoranthene	15.145	252	448593m	43.72	ng		
90) Benzo(a)pyrene	15.492	252	426322	43.81	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	396282	41.87	ng		98
92) Benzo(g,h,i)perylene	17.515	276	380900	40.13	ng		99

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

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