Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124021.D
Acq On : 21 May 2021 16:41
Operator : JU/CG
Sample : M2366-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:15 PM

Quant Time: May 21 17:12:20 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	47826	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	178121	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	101997	20.00	ng		-0.01
64) Phenanthrene-d10	11.416	188	205560	20.00	ng		-0.01
76) Chrysene-d12	14.063	240	140650	20.00	ng		0.00
86) Perylene-d12	15.545	264	123010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	389199	114.26	ng		0.02
7) Phenol-d6	6.522	99	455714	103.13	ng		0.00
23) Nitrobenzene-d5	7.457	82	384244	92.94	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	195900	159.91	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	717327	86.55	ng		-0.01
79) Terphenyl-d14	13.004	244	937988	101.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	49961	33.40	ng	#	73
3) Pyridine	3.557	79	109484	28.36	ng		91
4) n-Nitrosodimethylamine	3.499	42	100406	40.04	ng		89
6) Aniline	6.551	93	51613	10.29	ng	#	83
8) 2-Chlorophenol	6.675	128	146397	41.30	ng		98
9) Benzaldehyde	6.439	77	76887	40.21	ng		88
10) Phenol	6.534	94	177532	39.75	ng		95
11) bis(2-Chloroethyl)ether	6.628	93	142235	40.98	ng		97
12) 1,3-Dichlorobenzene	6.834	146	138273	33.48	ng		95
13) 1,4-Dichlorobenzene	6.910	146	143583	33.98	ng		96
14) 1,2-Dichlorobenzene	7.063	146	142890	36.19	ng		97
15) Benzyl Alcohol	7.034	79	164090	42.99	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	276860	39.62	ng		97
17) 2-Methylphenol	7.145	107	124417	43.28	ng		92
18) Hexachloroethane	7.404	117	54510	34.81	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	128755	43.12	ng		95
20) 3+4-Methylphenols	7.298	107	161068	42.54	ng	#	80
22) Acetophenone	7.304	105	222848	44.06	ng	#	97
24) Nitrobenzene	7.475	77	182548	43.19	ng		99
25) Isophorone	7.716	82	330339	41.54	ng		97
26) 2-Nitrophenol	7.792	139	81387	51.18	ng		87
27) 2,4-Dimethylphenol	7.828	122	133729	43.92	ng		90
28) bis(2-Chloroethoxy)met...	7.922	93	186612	46.67	ng		98
29) 2,4-Dichlorophenol	8.034	162	133629	43.36	ng		91
30) 1,2,4-Trichlorobenzene	8.116	180	131616	37.98	ng		97
31) Naphthalene	8.198	128	417480	39.60	ng		100
32) Benzoic acid	7.945	122	84332	50.47	ng		95
33) 4-Chloroaniline	8.245	127	18586	4.63	ng	#	91
34) Hexachlorobutadiene	8.316	225	84181	37.11	ng		97
35) Caprolactam	8.616	113	37210m	44.35	ng		
36) 4-Chloro-3-methylphenol	8.722	107	150502	44.65	ng	#	86
37) 2-Methylnaphthalene	8.886	142	302865	42.39	ng		96
38) 1-Methylnaphthalene	8.986	142	286130	42.92	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	156141	42.44	ng		98
41) Hexachlorocyclopentadiene	9.045	237	163164	69.73	ng		93
43) 2,4,6-Trichlorophenol	9.163	196	102798	43.07	ng		96

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44) 2,4,5-Trichlorophenol	9.204	196	114867	46.32	ng		94
46) 1,1'-Biphenyl	9.351	154	394956	43.96	ng		97
47) 2-Chloronaphthalene	9.380	162	300011	42.05	ng		95
48) 2-Nitroaniline	9.469	65	126433	52.47	ng		89
49) Acenaphthylene	9.792	152	475187	45.07	ng		98
50) Dimethylphthalate	9.657	163	393244	48.28	ng		100
51) 2,6-Dinitrotoluene	9.716	165	83114	50.46	ng	#	82
52) Acenaphthene	9.969	154	359076m	49.75	ng		
53) 3-Nitroaniline	9.880	138	38854	23.74	ng		96
54) 2,4-Dinitrophenol	9.992	184	95633	105.46	ng		86
55) Dibenzofuran	10.139	168	461305	44.51	ng		98
56) 4-Nitrophenol	10.045	139	127171	93.92	ng		95
57) 2,4-Dinitrotoluene	10.122	165	116801	57.82	ng		93
58) Fluorene	10.480	166	361829	46.32	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.257	232	99600	48.84	ng	#	93
60) Diethylphthalate	10.351	149	401433	49.77	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	183411	46.86	ng		90
62) 4-Nitroaniline	10.498	138	84272	51.76	ng		89
63) Azobenzene	10.633	77	405306	45.18	ng		93
65) 4,6-Dinitro-2-methylph...	10.527	198	59307	45.15	ng		81
66) n-Nitrosodiphenylamine	10.592	169	322561	41.07	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	115383	42.71	ng		98
68) Hexachlorobenzene	11.033	284	132750	44.02	ng	#	92
69) Atrazine	11.122	200	118885	53.59	ng		96
70) Pentachlorophenol	11.222	266	156201	87.36	ng		96
71) Phenanthrene	11.445	178	559893	42.98	ng		97
72) Anthracene	11.498	178	563530	42.69	ng		99
73) Carbazole	11.651	167	478853	41.46	ng		97
74) Di-n-butylphthalate	11.980	149	675938	46.76	ng		99
75) Fluoranthene	12.633	202	593810	44.02	ng		99
77) Benzidine	12.745	184	41480m	12.22	ng		
78) Pyrene	12.863	202	593022	47.49	ng		99
80) Butylbenzylphthalate	13.480	149	253406	51.75	ng		98
81) Benzo(a)anthracene	14.051	228	442436	43.50	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	61411	19.43	ng		99
83) Chrysene	14.092	228	436966	44.66	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	354974	51.37	ng		97
85) Di-n-octyl phthalate	14.657	149	515243	49.33	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	413280	43.50	ng		96
88) Benzo(b)fluoranthene	15.115	252	401463	42.19	ng		100
89) Benzo(k)fluoranthene	15.145	252	378345	43.63	ng		98
90) Benzo(a)pyrene	15.486	252	361511	43.95	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	344200	43.02	ng	#	96
92) Benzo(g,h,i)perylene	17.509	276	339660	42.33	ng		97

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

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