Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123986.D
Acq On : 19 May 2021 12:45
Operator : JU/CG
Sample : PB136517BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations APPROVED
mohammad
5/20/2021 11:34:43 AM

Quant Time: May 19 13:58:30 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	6.910	152	62686	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	247283	20.00	ng		# 0.00
39) Acenaphthene-d10	9.951	164	136894	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	242218	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	156065	20.00	ng		0.01
86) Perylene-d12	15.568	264	116996	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	468683	104.98	ng		0.03
7) Phenol-d6	6.534	99	583314	100.71	ng		0.01
23) Nitrobenzene-d5	7.469	82	416395	72.55	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	179219	109.00	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	761290	68.43	ng		0.00
79) Terphenyl-d14	13.021	244	774046	75.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	75055	38.28	ng		98
3) Pyridine	3.540	79	154325	30.50	ng		96
4) n-Nitrosodimethylamine	3.504	42	121480	36.96	ng	#	80
6) Aniline	6.569	93	199646	30.36	ng		93
8) 2-Chlorophenol	6.692	128	177355	38.17	ng		97
9) Benzaldehyde	6.451	77	23854	9.52	ng		98
10) Phenol	6.545	94	241579	41.27	ng		97
11) bis(2-Chloroethyl)ether	6.640	93	178640	39.27	ng		98
12) 1,3-Dichlorobenzene	6.851	146	202759m	37.46	ng		
13) 1,4-Dichlorobenzene	6.922	146	203408	36.73	ng		96
14) 1,2-Dichlorobenzene	7.075	146	196071	37.89	ng		95
15) Benzyl Alcohol	7.045	79	188517	37.69	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.181	45	348955	38.10	ng		97
17) 2-Methylphenol	7.157	107	150687	39.99	ng		96
18) Hexachloroethane	7.422	117	77339	37.68	ng		92
19) n-Nitroso-di-n-propyla...	7.322	70	150735	38.52	ng		98
20) 3+4-Methylphenols	7.310	107	187837	37.85	ng		96
22) Acetophenone	7.316	105	264481	37.67	ng	#	95
24) Nitrobenzene	7.487	77	212600	36.23	ng		96
25) Isophorone	7.728	82	393922	35.68	ng		95
26) 2-Nitrophenol	7.804	139	98639	44.68	ng		90
27) 2,4-Dimethylphenol	7.839	122	163634	38.71	ng		93
28) bis(2-Chloroethoxy)met...	7.939	93	218946	39.44	ng		98
29) 2,4-Dichlorophenol	8.045	162	154048	36.01	ng		94
30) 1,2,4-Trichlorobenzene	8.134	180	165400	34.38	ng		98
31) Naphthalene	8.216	128	515995	35.26	ng		99
32) Benzoic acid	7.969	122	80258	34.60	ng		88
33) 4-Chloroaniline	8.257	127	123091	22.09	ng		99
34) Hexachlorobutadiene	8.334	225	107364	34.09	ng		99
35) Caprolactam	8.634	113	48848m	41.93	ng		
36) 4-Chloro-3-methylphenol	8.739	107	172129	36.79	ng		89
37) 2-Methylnaphthalene	8.904	142	354733	35.76	ng		98
38) 1-Methylnaphthalene	9.004	142	327154	35.35	ng		94
40) 1,2,4,5-Tetrachloroben...	9.069	216	180529	36.56	ng		98
41) Hexachlorocyclopentadiene	9.063	237	214005	68.15	ng		96
43) 2,4,6-Trichlorophenol	9.181	196	111489	34.80	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	122848	36.91	ng		92
46) 1,1'-Biphenyl	9.369	154	439295	36.43	ng		95
47) 2-Chloronaphthalene	9.398	162	341585	35.67	ng		94
48) 2-Nitroaniline	9.486	65	133726	41.35	ng		94
49) Acenaphthylene	9.810	152	532790	37.65	ng		97
50) Dimethylphthalate	9.675	163	404474	37.00	ng		99
51) 2,6-Dinitrotoluene	9.728	165	92587	41.88	ng		95
52) Acenaphthene	9.986	154	398980	41.19	ng		95
53) 3-Nitroaniline	9.898	138	65616	29.87	ng		92
54) 2,4-Dinitrophenol	10.010	184	92072	77.71	ng	#	83
55) Dibenzofuran	10.157	168	488935	35.15	ng		99
56) 4-Nitrophenol	10.063	139	144879	79.73	ng		95
57) 2,4-Dinitrotoluene	10.133	165	121525	44.82	ng	#	92
58) Fluorene	10.498	166	383933	36.62	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.269	232	105013	38.37	ng		91
60) Diethylphthalate	10.369	149	408471	37.73	ng		95
61) 4-Chlorophenyl-phenyle...	10.486	204	194395	37.00	ng		100
62) 4-Nitroaniline	10.516	138	84125	38.50	ng		90
63) Azobenzene	10.651	77	425661	35.35	ng		93
65) 4,6-Dinitro-2-methylph...	10.545	198	58515	38.69	ng	#	75
66) n-Nitrosodiphenylamine	10.610	169	339579	36.69	ng		98
67) 4-Bromophenyl-phenylether	10.980	248	111381	34.99	ng		92
68) Hexachlorobenzene	11.045	284	129909	36.56	ng		95
69) Atrazine	11.133	200	109749	41.99	ng		91
70) Pentachlorophenol	11.239	266	142646	67.71	ng		97
71) Phenanthrene	11.463	178	548465	35.73	ng		100
72) Anthracene	11.516	178	567301	36.47	ng		99
73) Carbazole	11.663	167	470913	34.60	ng		96
74) Di-n-butylphthalate	11.998	149	627292	36.83	ng		98
75) Fluoranthene	12.651	202	548670	34.52	ng		98
77) Benzidine	12.763	184	132694m	35.24	ng		
78) Pyrene	12.880	202	535220	38.63	ng		98
80) Butylbenzylphthalate	13.498	149	220150	40.52	ng		92
81) Benzo(a)anthracene	14.068	228	405061	35.89	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	114644	32.70	ng		97
83) Chrysene	14.104	228	389209	35.85	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	288688	37.65	ng		98
85) Di-n-octyl phthalate	14.674	149	431891	37.26	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	367287	40.65	ng	#	95
88) Benzo(b)fluoranthene	15.133	252	361294	39.92	ng		98
89) Benzo(k)fluoranthene	15.163	252	337154m	40.88	ng		
90) Benzo(a)pyrene	15.510	252	300845	38.45	ng	#	96
91) Dibenzo(a,h)anthracene	17.109	278	307680	40.43	ng		96
92) Benzo(g,h,i)perylene	17.551	276	303047	39.71	ng		98

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

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