Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
Data File : BF124050.D
Acq On : 25 May 2021 17:51
Operator : JU/CG
Sample : PB136628BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136628BS

Manual Integrations APPROVED
mohammad
5/26/2021 4:29:01 PM

Quant Time: May 25 18:11:03 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	63680	20.00	ng		-0.01
21) Naphthalene-d8	8.181	136	255017	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	144095	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	271048	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	180510	20.00	ng		0.00
86) Perylene-d12	15.568	264	123940	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	508587	112.14	ng		0.02
7) Phenol-d6	6.534	99	648139	110.16	ng		0.01
23) Nitrobenzene-d5	7.463	82	491924	83.11	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	236091	136.41	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	914452	78.10	ng		0.00
79) Terphenyl-d14	13.015	244	1020199	85.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	62780	31.52	ng		99
3) Pyridine	3.563	79	163334	31.77	ng		90
4) n-Nitrosodimethylamine	3.528	42	121793	36.47	ng		91
6) Aniline	6.557	93	197442	29.56	ng		92
8) 2-Chlorophenol	6.681	128	200757	42.53	ng		97
9) Benzaldehyde	6.445	77	137771	54.11	ng		94
10) Phenol	6.545	94	258514	43.47	ng		91
11) bis(2-Chloroethyl)ether	6.634	93	203771	44.09	ng		93
12) 1,3-Dichlorobenzene	6.839	146	230251	41.88	ng		93
13) 1,4-Dichlorobenzene	6.916	146	238545	42.40	ng		94
14) 1,2-Dichlorobenzene	7.069	146	221549	42.14	ng		96
15) Benzyl Alcohol	7.039	79	211788	41.68	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.169	45	362524	38.96	ng		95
17) 2-Methylphenol	7.151	107	159844	41.76	ng	#	92
18) Hexachloroethane	7.410	117	92487	44.36	ng	#	88
19) n-Nitroso-di-n-propyla...	7.316	70	169026	42.51	ng		96
20) 3+4-Methylphenols	7.304	107	216820	43.01	ng		88
22) Acetophenone	7.310	105	305107	42.13	ng	#	98
24) Nitrobenzene	7.481	77	240649	39.76	ng		98
25) Isophorone	7.722	82	426884	37.49	ng		97
26) 2-Nitrophenol	7.798	139	112675	49.49	ng		92
27) 2,4-Dimethylphenol	7.833	122	190731	43.75	ng		93
28) bis(2-Chloroethoxy)met...	7.928	93	248440	43.39	ng		98
29) 2,4-Dichlorophenol	8.039	162	180769	40.97	ng		93
30) 1,2,4-Trichlorobenzene	8.122	180	199077	40.13	ng		100
31) Naphthalene	8.204	128	588602	39.00	ng		99
32) Benzoic acid	7.969	122	87363	36.52	ng		91
33) 4-Chloroaniline	8.245	127	48802	8.49	ng		96
34) Hexachlorobutadiene	8.316	225	135983	41.87	ng		99
35) Caprolactam	8.633	113	52200m	43.45	ng		
36) 4-Chloro-3-methylphenol	8.733	107	201796	41.82	ng		89
37) 2-Methylnaphthalene	8.898	142	418926	40.95	ng		99
38) 1-Methylnaphthalene	8.998	142	383802	40.21	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	219712	42.27	ng		97
41) Hexachlorocyclopentadiene	9.051	237	293715	88.86	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	138630	41.11	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	142748	40.75	ng		93
46) 1,1'-Biphenyl	9.363	154	528773	41.66	ng		96
47) 2-Chloronaphthalene	9.386	162	395458	39.23	ng		97
48) 2-Nitroaniline	9.480	65	153206	45.01	ng		99
49) Acenaphthylene	9.804	152	603920	40.55	ng		97
50) Dimethylphthalate	9.663	163	494890	43.01	ng		100
51) 2,6-Dinitrotoluene	9.722	165	108793	46.76	ng		95
52) Acenaphthene	9.975	154	394839	38.73	ng		97
53) 3-Nitroaniline	9.886	138	52044	22.51	ng	#	98
54) 2,4-Dinitrophenol	10.004	184	110811	87.81	ng		89
55) Dibenzofuran	10.151	168	585384	39.98	ng		98
56) 4-Nitrophenol	10.063	139	159539	83.41	ng		93
57) 2,4-Dinitrotoluene	10.133	165	147176	51.57	ng	#	96
58) Fluorene	10.492	166	459718	41.66	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.263	232	126007	43.74	ng		91
60) Diethylphthalate	10.363	149	502432	44.09	ng		96
61) 4-Chlorophenyl-phenyle...	10.480	204	238765	43.18	ng		95
62) 4-Nitroaniline	10.510	138	104444	45.41	ng		89
63) Azobenzene	10.639	77	517328	40.82	ng		94
65) 4,6-Dinitro-2-methylph...	10.539	198	77513	44.80	ng		83
66) n-Nitrosodiphenylamine	10.598	169	416063	40.17	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	150098	42.14	ng	#	88
68) Hexachlorobenzene	11.039	284	168115	42.28	ng		93
69) Atrazine	11.127	200	144511	49.40	ng		97
70) Pentachlorophenol	11.239	266	176214	74.74	ng		98
71) Phenanthrene	11.457	178	672195	39.13	ng		100
72) Anthracene	11.510	178	696775	40.03	ng		98
73) Carbazole	11.657	167	566508	37.20	ng		96
74) Di-n-butylphthalate	11.986	149	797949	41.87	ng		99
75) Fluoranthene	12.645	202	680242	38.24	ng		99
77) Benzidine	12.763	184	256403	58.87	ng	#	94
78) Pyrene	12.874	202	683041	42.62	ng		99
80) Butylbenzylphthalate	13.486	149	299729	47.69	ng		96
81) Benzo(a)anthracene	14.062	228	515611	39.50	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	94491	23.30	ng		99
83) Chrysene	14.104	228	482815	38.45	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	429795	48.47	ng		98
85) Di-n-octyl phthalate	14.662	149	618674	46.15	ng		97
87) Indeno(1,2,3-cd)pyrene	17.086	276	375325	39.21	ng		97
88) Benzo(b)fluoranthene	15.127	252	416090	43.40	ng	#	95
89) Benzo(k)fluoranthene	15.162	252	373466	42.74	ng		99
90) Benzo(a)pyrene	15.509	252	357776	43.17	ng		100
91) Dibenzo(a,h)anthracene	17.103	278	318248	39.48	ng		98
92) Benzo(g,h,i)perylene	17.545	276	310880	38.46	ng		99

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

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