Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123618.D
Acq On : 19 Apr 2021 12:38
Operator : JU/CG
Sample : PB135807BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135807BS

Manual Integrations APPROVED
mohammad
4/21/2021 8:34:28 AM

Quant Time: Apr 19 13:06:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	288581	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1126539	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	561529	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	1052436	20.00	ng		0.00
76) Chrysene-d12	14.051	240	711084	20.00	ng		0.00
86) Perylene-d12	15.527	264	529162	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2156940	120.80	ng		0.02
7) Phenol-d6	6.510	99	2831340	114.44	ng		0.01
23) Nitrobenzene-d5	7.434	82	2053398	83.79	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	841347	132.31	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3049950	80.97	ng		0.00
79) Terphenyl-d14	12.992	244	3227931	88.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	337340	36.16	ng		97
3) Pyridine	3.463	79	956254	41.92	ng		96
4) n-Nitrosodimethylamine	3.416	42	632975	46.83	ng		99
6) Aniline	6.528	93	1042560	35.80	ng	#	80
8) 2-Chlorophenol	6.657	128	888547	46.33	ng		99
9) Benzaldehyde	6.410	77	503333	31.16	ng		97
10) Phenol	6.522	94	1146605	43.64	ng	#	77
11) bis(2-Chloroethyl)ether	6.604	93	911661	46.66	ng		97
12) 1,3-Dichlorobenzene	6.810	146	880052	44.64	ng		97
13) 1,4-Dichlorobenzene	6.887	146	900362	45.00	ng		97
14) 1,2-Dichlorobenzene	7.040	146	858614	45.67	ng		99
15) Benzyl Alcohol	7.010	79	867061	44.42	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1979917	44.89	ng		95
17) 2-Methylphenol	7.128	107	806374	48.93	ng		96
18) Hexachloroethane	7.381	117	369082	46.27	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	703660	42.93	ng		99
20) 3+4-Methylphenols	7.281	107	935011	44.47	ng	#	89
22) Acetophenone	7.275	105	1330501	42.58	ng	#	91
24) Nitrobenzene	7.451	77	1093755	42.39	ng		97
25) Isophorone	7.692	82	1995634	41.98	ng		99
26) 2-Nitrophenol	7.769	139	461833	52.38	ng		93
27) 2,4-Dimethylphenol	7.810	122	809271	49.74	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1124629	47.14	ng		99
29) 2,4-Dichlorophenol	8.016	162	694733	43.85	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	730942	42.94	ng		98
31) Naphthalene	8.175	128	2449326	42.21	ng		100
32) Benzoic acid	7.945	122	555848	51.03	ng		95
33) 4-Chloroaniline	8.216	127	491589	20.63	ng		98
34) Hexachlorobutadiene	8.292	225	455739	42.66	ng		99
35) Caprolactam	8.598	113	256330m	46.34	ng		
36) 4-Chloro-3-methylphenol	8.716	107	915190	44.54	ng		94
37) 2-Methylnaphthalene	8.869	142	1615005	42.44	ng		98
38) 1-Methylnaphthalene	8.969	142	1498398	41.62	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	693164	44.73	ng		99
41) Hexachlorocyclopentadiene	9.022	237	904799	112.35	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	495377	47.11	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	536659	46.68	ng		96
46) 1,1'-Biphenyl	9.333	154	1942254	44.19	ng		99
47) 2-Chloronaphthalene	9.357	162	1444165	43.67	ng		98
48) 2-Nitroaniline	9.451	65	672151	48.78	ng		92
49) Acenaphthylene	9.775	152	2516372	46.51	ng		98
50) Dimethylphthalate	9.639	163	1706390	43.98	ng		100
51) 2,6-Dinitrotoluene	9.698	165	391062	45.92	ng		90
52) Acenaphthene	9.951	154	1501288	43.25	ng		98
53) 3-Nitroaniline	9.863	138	313717	31.76	ng		91
54) 2,4-Dinitrophenol	9.975	184	467012	124.85	ng		95
55) Dibenzofuran	10.122	168	2132476	42.83	ng		99
56) 4-Nitrophenol	10.045	139	703331	92.92	ng		95
57) 2,4-Dinitrotoluene	10.104	165	535711	47.10	ng		96
58) Fluorene	10.463	166	1662376	42.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	441236	48.20	ng		98
60) Diethylphthalate	10.339	149	1842186	43.38	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	766205	42.41	ng		94
62) 4-Nitroaniline	10.486	138	449207	45.03	ng		94
63) Azobenzene	10.616	77	2011108	41.80	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	276298	50.32	ng		98
66) n-Nitrosodiphenylamine	10.575	169	1498278	44.47	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	489700	44.51	ng		97
68) Hexachlorobenzene	11.016	284	559748	45.14	ng		94
69) Atrazine	11.104	200	499088	47.53	ng		99
70) Pentachlorophenol	11.210	266	631603	97.49	ng		99
71) Phenanthrene	11.427	178	2372106	43.19	ng		99
72) Anthracene	11.480	178	2397157	43.67	ng		99
73) Carbazole	11.633	167	2325362	42.44	ng		98
74) Di-n-butylphthalate	11.963	149	2776512	41.87	ng		99
75) Fluoranthene	12.616	202	2537413	42.03	ng		100
77) Benzidine	12.733	184	1083103	56.03	ng		99
78) Pyrene	12.851	202	2561087	49.35	ng		99
80) Butylbenzylphthalate	13.469	149	1157997	47.49	ng		93
81) Benzo(a)anthracene	14.039	228	1946982	44.68	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	453739	32.60	ng	#	99
83) Chrysene	14.080	228	1904797	43.53	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1431453	44.14	ng		98
85) Di-n-octyl phthalate	14.645	149	2290431	43.89	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	1564631	55.42	ng		99
88) Benzo(b)fluoranthene	15.098	252	1608371	43.05	ng		99
89) Benzo(k)fluoranthene	15.127	252	1561362	46.72	ng		100
90) Benzo(a)pyrene	15.468	252	1363559	45.88	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	1287666	53.92	ng		99
92) Benzo(g,h,i)perylene	17.480	276	1332783	54.81	ng		97

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

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