Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022421\
Data File : BF123293.D
Acq On : 24 Feb 2021 14:45
Operator : JU/CG
Sample : PB134795BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 15:13:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB134795BS

Manual Integrations APPROVED
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2/25/2021 1:11:00 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	114042	20.00	ng		0.00
21) Naphthalene-d8	8.140	136	473401	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	245044	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	471005	20.00	ng		0.00
76) Chrysene-d12	14.045	240	392309	20.00	ng		0.00
86) Perylene-d12	15.515	264	330290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	974265	122.97	ng		0.02
7) Phenol-d6	6.498	99	1287497	119.62	ng		0.00
23) Nitrobenzene-d5	7.422	82	731253	70.71	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	316069	126.67	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1198767	70.27	ng		0.00
79) Terphenyl-d14	12.980	244	1331304	65.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	167858	36.71	ng		92
3) Pyridine	3.452	79	447055	40.13	ng		93
4) n-Nitrosodimethylamine	3.405	42	227587	44.18	ng		84
6) Aniline	6.522	93	457032	35.95	ng		92
8) 2-Chlorophenol	6.646	128	422590	49.64	ng		92
9) Benzaldehyde	6.404	77	161067	26.24	ng		94
10) Phenol	6.510	94	565140	48.18	ng		94
11) bis(2-Chloroethyl)ether	6.593	93	421127	50.05	ng		94
12) 1,3-Dichlorobenzene	6.798	146	439724	49.66	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	444494	49.26	ng		94
14) 1,2-Dichlorobenzene	7.028	146	422966	50.39	ng		96
15) Benzyl Alcohol	7.004	79	416464	49.63	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	552760	47.90	ng		99
17) 2-Methylphenol	7.116	107	361752	50.53	ng		93
18) Hexachloroethane	7.369	117	173435	53.21	ng		93
19) n-Nitroso-di-n-propyla...	7.275	70	327406	51.13	ng		95
20) 3+4-Methylphenols	7.269	107	446205	47.46	ng		91
22) Acetophenone	7.269	105	613853	49.99	ng	#	89
24) Nitrobenzene	7.440	77	514623	47.20	ng		89
25) Isophorone	7.681	82	903733	46.73	ng		95
26) 2-Nitrophenol	7.757	139	226256	49.53	ng	#	87
27) 2,4-Dimethylphenol	7.798	122	359725	50.88	ng		93
28) bis(2-Chloroethoxy)met...	7.887	93	527592	52.13	ng		98
29) 2,4-Dichlorophenol	8.004	162	349265	47.84	ng		95
30) 1,2,4-Trichlorobenzene	8.081	180	379682	47.83	ng		99
31) Naphthalene	8.163	128	1210787	46.67	ng		99
32) Benzoic acid	7.940	122	254931	48.88	ng		85
33) 4-Chloroaniline	8.210	127	277740	26.31	ng	#	92
34) Hexachlorobutadiene	8.281	225	209292	46.75	ng		99
35) Caprolactam	8.592	113	120503m	49.19	ng		
36) 4-Chloro-3-methylphenol	8.704	107	429348	49.47	ng		92
37) 2-Methylnaphthalene	8.857	142	823544	47.65	ng		99
38) 1-Methylnaphthalene	8.957	142	770782	47.69	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	364842	49.83	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	371624	108.33	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	246992	47.56	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	257337	46.31	ng	#	91
46) 1,1'-Biphenyl	9.322	154	998691	49.13	ng		99
47) 2-Chloronaphthalene	9.345	162	763459	47.60	ng		97
48) 2-Nitroaniline	9.445	65	289109	50.31	ng	#	80
49) Acenaphthylene	9.763	152	1155897	47.52	ng		100
50) Dimethylphthalate	9.628	163	918412	50.12	ng		99
51) 2,6-Dinitrotoluene	9.686	165	205387	48.63	ng	#	74
52) Acenaphthene	9.939	154	891366m	53.14	ng		
53) 3-Nitroaniline	9.857	138	150031	32.01	ng	#	79
54) 2,4-Dinitrophenol	9.969	184	238212	107.38	ng		90
55) Dibenzofuran	10.110	168	1054194	46.42	ng		95
56) 4-Nitrophenol	10.028	139	350203	93.76	ng	#	64
57) 2,4-Dinitrotoluene	10.092	165	284234	50.05	ng	#	83
58) Fluorene	10.451	166	858899	48.06	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	221839	50.03	ng	#	85
60) Diethylphthalate	10.328	149	903175	49.77	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	413479	48.60	ng		98
62) 4-Nitroaniline	10.481	138	220841	46.80	ng		89
63) Azobenzene	10.604	77	982580	46.99	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	158724	50.06	ng		84
66) n-Nitrosodiphenylamine	10.563	169	755165	46.36	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	243674	47.45	ng	#	89
68) Hexachlorobenzene	11.004	284	261405	48.33	ng		94
69) Atrazine	11.092	200	218379	42.43	ng		97
70) Pentachlorophenol	11.198	266	323375	94.68	ng		98
71) Phenanthrene	11.422	178	1307205	46.93	ng		99
72) Anthracene	11.469	178	1340497	48.23	ng		99
73) Carbazole	11.628	167	1178202	45.02	ng		100
74) Di-n-butylphthalate	11.951	149	1397162	47.75	ng		99
75) Fluoranthene	12.610	202	1409249	47.73	ng		99
77) Benzidine	12.733	184	452892	35.74	ng		99
78) Pyrene	12.839	202	1415434	46.21	ng		99
80) Butylbenzylphthalate	13.457	149	619011	47.81	ng		89
81) Benzo(a)anthracene	14.033	228	1243402	46.64	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	340987	38.47	ng		99
83) Chrysene	14.074	228	1208034	46.14	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	841274	47.20	ng		99
85) Di-n-octyl phthalate	14.633	149	1424139	46.77	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1174994	51.48	ng		98
88) Benzo(b)fluoranthene	15.092	252	1252192	53.98	ng		98
89) Benzo(k)fluoranthene	15.121	252	1120061	53.26	ng		100
90) Benzo(a)pyrene	15.457	252	1064868	51.48	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	987285	50.41	ng		98
92) Benzo(g,h,i)perylene	17.457	276	943587	52.31	ng		98

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

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