Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123744.D
Acq On : 27 Apr 2021 13:29
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 14:32:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	242346	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	902312	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	442151	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	874896	20.00	ng		0.00
76) Chrysene-d12	13.980	240	672455	20.00	ng		0.00
86) Perylene-d12	15.433	264	516735	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	702187	43.89	ng		0.00
7) Phenol-d6	6.440	99	949114	42.97	ng		0.00
23) Nitrobenzene-d5	7.369	82	892177	42.84	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	252860	43.48	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1394213	46.89	ng		0.00
79) Terphenyl-d14	12.921	244	1580675	43.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	182769	21.23	ng		96
3) Pyridine	3.240	79	443501	20.93	ng		92
4) n-Nitrosodimethylamine	3.181	42	247145	21.18	ng		99
6) Aniline	6.469	93	552775	21.53	ng		99
8) 2-Chlorophenol	6.592	128	377979	21.79	ng		98
9) Benzaldehyde	6.357	77	224944	21.17	ng		95
10) Phenol	6.451	94	519646	21.00	ng		97
11) bis(2-Chloroethyl)ether	6.540	93	374549	21.55	ng		98
12) 1,3-Dichlorobenzene	6.751	146	378327	21.39	ng		95
13) 1,4-Dichlorobenzene	6.828	146	382060	21.50	ng		98
14) 1,2-Dichlorobenzene	6.981	146	365864	21.16	ng		99
15) Benzyl Alcohol	6.945	79	381991	21.80	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	804965	21.79	ng		99
17) 2-Methylphenol	7.063	107	313258	21.00	ng		97
18) Hexachloroethane	7.322	117	152246	21.33	ng		100
19) n-Nitroso-di-n-propyla...	7.222	70	290362	20.78	ng		96
20) 3+4-Methylphenols	7.216	107	390753	22.60	ng	#	78
22) Acetophenone	7.216	105	553813	21.59	ng	#	93
24) Nitrobenzene	7.392	77	462342	21.29	ng		99
25) Isophorone	7.628	82	834746	21.14	ng		99
26) 2-Nitrophenol	7.704	139	187896	20.89	ng		94
27) 2,4-Dimethylphenol	7.745	122	299954	21.39	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	426268	21.18	ng		99
29) 2,4-Dichlorophenol	7.951	162	295887	21.63	ng		98
30) 1,2,4-Trichlorobenzene	8.034	180	311488	21.64	ng		97
31) Naphthalene	8.116	128	1051728	21.57	ng		99
32) Benzoic acid	7.851	122	164776	18.86	ng		94
33) 4-Chloroaniline	8.163	127	437969	21.33	ng		97
34) Hexachlorobutadiene	8.239	225	193910	21.99	ng		98
35) Caprolactam	8.522	113	100567	20.77	ng		91
36) 4-Chloro-3-methylphenol	8.645	107	367620	21.34	ng		96
37) 2-Methylnaphthalene	8.810	142	680878	21.40	ng		98
38) 1-Methylnaphthalene	8.904	142	650060	21.61	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	298636	22.18	ng		98
41) Hexachlorocyclopentadiene	8.963	237	103880	19.93	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	205026	21.76	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	215647	21.45	ng		96
46) 1,1'-Biphenyl	9.269	154	832943	22.35	ng		96
47) 2-Chloronaphthalene	9.298	162	616179	21.77	ng		98
48) 2-Nitroaniline	9.386	65	267038	21.49	ng		92
49) Acenaphthylene	9.710	152	1033457	22.39	ng		99
50) Dimethylphthalate	9.569	163	722329	22.31	ng		99
51) 2,6-Dinitrotoluene	9.633	165	164611	21.54	ng	#	84
52) Acenaphthene	9.886	154	612008m	21.92	ng		
53) 3-Nitroaniline	9.798	138	191339	21.51	ng		91
54) 2,4-Dinitrophenol	9.904	184	79027	20.48	ng		99
55) Dibenzofuran	10.057	168	933302	22.16	ng		98
56) 4-Nitrophenol	9.963	139	141314	21.24	ng		97
57) 2,4-Dinitrotoluene	10.033	165	221292	21.52	ng		96
58) Fluorene	10.398	166	708008	21.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	171433	21.21	ng		98
60) Diethylphthalate	10.269	149	764927	22.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	335996	22.34	ng		94
62) 4-Nitroaniline	10.410	138	191858	21.60	ng		96
63) Azobenzene	10.551	77	875554	22.13	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	120366	20.57	ng	#	77
66) n-Nitrosodiphenylamine	10.510	169	639109	21.40	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	208767	21.27	ng		98
68) Hexachlorobenzene	10.945	284	234082	20.95	ng		99
69) Atrazine	11.033	200	195891	21.43	ng		100
70) Pentachlorophenol	11.139	266	114106	20.36	ng		96
71) Phenanthrene	11.363	178	1038343	21.49	ng		99
72) Anthracene	11.410	178	1036776	21.63	ng		99
73) Carbazole	11.569	167	1027641	21.10	ng		99
74) Di-n-butylphthalate	11.898	149	1181584	21.45	ng		99
75) Fluoranthene	12.551	202	1126035	21.37	ng		98
77) Benzidine	12.669	184	431611	21.71	ng		99
78) Pyrene	12.780	202	1170209	21.29	ng		99
80) Butylbenzylphthalate	13.398	149	502992	21.20	ng		99
81) Benzo(a)anthracene	13.968	228	921168	21.48	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	277633	21.19	ng		96
83) Chrysene	14.004	228	921054	21.37	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	630047	21.42	ng	#	96
85) Di-n-octyl phthalate	14.574	149	981976	20.76	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	604799	19.15	ng		99
88) Benzo(b)fluoranthene	15.010	252	812442m	22.29	ng		
89) Benzo(k)fluoranthene	15.039	252	721050	20.81	ng		98
90) Benzo(a)pyrene	15.374	252	651112	20.74	ng		99
91) Dibenzo(a,h)anthracene	16.892	278	514650	19.40	ng		97
92) Benzo(g,h,i)perylene	17.309	276	500404	18.92	ng		97

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

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