Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042621\
Data File : BF123738.D
Acq On : 26 Apr 2021 17:56
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 26 18:16:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 16:51:15 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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4/27/2021 12:12:26 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	291899	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	1015097	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	508544	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	954284	20.00	ng		0.00
76) Chrysene-d12	13.986	240	611729	20.00	ng		0.00
86) Perylene-d12	15.439	264	452202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2410072	133.45	ng		0.00
7) Phenol-d6	6.463	99	3328585	133.00	ng		0.01
23) Nitrobenzene-d5	7.386	82	3216873	145.69	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	912942	158.53	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	4432081	129.92	ng		0.00
79) Terphenyl-d14	12.933	244	4717828	149.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	690887	73.22	ng		96
3) Pyridine	3.257	79	1724430	74.74	ng		92
4) n-Nitrosodimethylamine	3.228	42	985146	72.06	ng		99
6) Aniline	6.486	93	1966256	66.75	ng		96
8) 2-Chlorophenol	6.604	128	1298818	66.95	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	1348916	68.26	ng		99
12) 1,3-Dichlorobenzene	6.757	146	1332002	66.79	ng		98
13) 1,4-Dichlorobenzene	6.834	146	1331592	65.80	ng		98
15) Benzyl Alcohol	6.963	79	1356849	68.72	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	2770497	62.10	ng		97
17) 2-Methylphenol	7.075	107	1155192	69.30	ng		94
18) Hexachloroethane	7.328	117	556189	68.93	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	1092457	65.90	ng		96
20) 3+4-Methylphenols	7.234	107	1317074	61.92	ng	#	87
22) Acetophenone	7.234	105	1912651	67.94	ng		93
24) Nitrobenzene	7.404	77	1669608	71.81	ng		95
25) Isophorone	7.645	82	3167813	73.95	ng		100
26) 2-Nitrophenol	7.716	139	718975	90.49	ng		98
27) 2,4-Dimethylphenol	7.763	122	1086818	74.13	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	1556962	72.43	ng		99
29) 2,4-Dichlorophenol	7.963	162	1061401	74.35	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	1087350	70.88	ng		97
31) Naphthalene	8.122	128	3559014	68.07	ng		98
32) Benzoic acid	7.928	122	897918	103.31	ng		88
33) 4-Chloroaniline	8.175	127	1583340	73.73	ng		98
34) Hexachlorobutadiene	8.239	225	663526	68.93	ng		99
35) Caprolactam	8.575	113	392076m	78.67	ng		
36) 4-Chloro-3-methylphenol	8.663	107	1344037	72.59	ng		97
37) 2-Methylnaphthalene	8.816	142	2324932	67.81	ng		98
38) 1-Methylnaphthalene	8.916	142	2198630	67.78	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	1010819	72.02	ng		100
41) Hexachlorocyclopentadiene	8.969	237	507020	69.52	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	734381	77.11	ng		99
44) 2,4,5-Trichlorophenol	9.139	196	789844	75.86	ng		99
46) 1,1'-Biphenyl	9.280	154	2693060	67.66	ng		98
47) 2-Chloronaphthalene	9.304	162	2113927	70.58	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.404	65	1015496	81.38	ng		96
49) Acenaphthylene	9.722	152	3318336	67.73	ng		96
50) Dimethylphthalate	9.592	163	2466400	70.20	ng		99
51) 2,6-Dinitrotoluene	9.645	165	584686	75.81	ng		92
52) Acenaphthene	9.892	154	2064084	65.66	ng		98
53) 3-Nitroaniline	9.822	138	702299	78.50	ng		97
54) 2,4-Dinitrophenol	9.922	184	368022	108.64	ng		96
55) Dibenzofuran	10.069	168	3018729	66.94	ng		99
56) 4-Nitrophenol	9.986	139	534596	77.98	ng		97
57) 2,4-Dinitrotoluene	10.051	165	775140	75.25	ng	#	81
58) Fluorene	10.410	166	2341444	66.06	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	621035	74.90	ng		99
60) Diethylphthalate	10.286	149	2583258	67.16	ng		97
61) 4-Chlorophenyl-phenyle...	10.398	204	1084087	66.26	ng		98
62) 4-Nitroaniline	10.445	138	701770	77.67	ng		99
63) Azobenzene	10.563	77	2942475	67.54	ng		99
65) 4,6-Dinitro-2-methylph...	10.463	198	481000	96.60	ng		99
66) n-Nitrosodiphenylamine	10.522	169	2147953	70.31	ng		100
67) 4-Bromophenyl-phenylether	10.886	248	715631	71.73	ng		93
68) Hexachlorobenzene	10.957	284	819924	72.92	ng		98
69) Atrazine	11.051	200	652319	68.52	ng		98
70) Pentachlorophenol	11.145	266	485629	82.67	ng		96
71) Phenanthrene	11.369	178	3361101	67.49	ng		99
72) Anthracene	11.421	178	3350847	67.32	ng		99
73) Carbazole	11.574	167	3375912	67.95	ng		97
74) Di-n-butylphthalate	11.910	149	3820830	63.54	ng		99
75) Fluoranthene	12.557	202	3587537	65.54	ng		98
77) Benzidine	12.674	184	1239536	74.54	ng		98
78) Pyrene	12.786	202	3664868	82.09	ng		99
80) Butylbenzylphthalate	13.404	149	1584918	75.55	ng		99
81) Benzo(a)anthracene	13.974	228	2607544	69.56	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	734105	61.30	ng		98
83) Chrysene	14.015	228	2628978	69.84	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	1876378	67.26	ng		99
85) Di-n-octyl phthalate	14.580	149	2892822	64.43	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	2285735	94.74	ng		99
88) Benzo(b)fluoranthene	15.021	252	2155319	67.51	ng		99
89) Benzo(k)fluoranthene	15.051	252	2028441	65.01	ng		99
90) Benzo(a)pyrene	15.380	252	1904271	74.98	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1891356	92.68	ng		99
92) Benzo(g,h,i)perylene	17.339	276	2025980	100.76	ng		98

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

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