Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123230.D
Acq On : 19 Feb 2021 14:44
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 19 15:07:31 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 13:58:44 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	203618	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	554861	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	284490	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	530556	20.00	ng		0.00
76) Chrysene-d12	14.051	240	411063	20.00	ng		0.00
86) Perylene-d12	15.521	264	359279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1822850	135.70	ng		0.00
7) Phenol-d6	6.504	99	2508835	141.42	ng		0.01
23) Nitrobenzene-d5	7.433	82	1691206	160.16	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	436759	142.16	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	2635188	138.43	ng		0.00
79) Terphenyl-d14	12.992	244	3005537	146.53	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.363	79	1192899	73.75	ng		92
4) n-Nitrosodimethylamine	3.334	42	529695	75.98	ng		89
6) Aniline	6.534	93	1567984	74.27	ng		96
8) 2-Chlorophenol	6.651	128	979339	65.03	ng		90
9) Benzaldehyde	6.410	77	624229	59.95	ng		91
10) Phenol	6.516	94	1348239	69.22	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	1037440	76.71	ng		95
12) 1,3-Dichlorobenzene	6.804	146	1015861	64.85	ng	#	93
13) 1,4-Dichlorobenzene	6.881	146	1013696	63.69	ng	#	95
14) 1,2-Dichlorobenzene	7.039	146	907090	61.13	ng		96
15) Benzyl Alcohol	7.010	79	978144	75.99	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1455217	83.33	ng		100
17) 2-Methylphenol	7.116	107	858687	71.03	ng		96
18) Hexachloroethane	7.375	117	296618	52.34	ng		93
19) n-Nitroso-di-n-propyla...	7.292	70	587358	57.76	ng		98
22) Acetophenone	7.281	105	975215	71.73	ng	#	91
24) Nitrobenzene	7.451	77	880535	78.67	ng		91
25) Isophorone	7.692	82	1620402	82.63	ng		96
26) 2-Nitrophenol	7.763	139	397278	73.72	ng		89
27) 2,4-Dimethylphenol	7.804	122	593079m	72.20	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	835093	78.48	ng		99
29) 2,4-Dichlorophenol	8.010	162	615934	75.96	ng		96
30) 1,2,4-Trichlorobenzene	8.086	180	656441	75.42	ng		99
31) Naphthalene	8.169	128	2053540	68.75	ng		98
32) Benzoic acid	7.963	122	514984	80.46	ng		88
33) 4-Chloroaniline	8.222	127	867140	70.15	ng	#	94
34) Hexachlorobutadiene	8.286	225	374622	78.38	ng		99
35) Caprolactam	8.622	113	231195m	81.36	ng		
36) 4-Chloro-3-methylphenol	8.710	107	725539	76.65	ng		94
37) 2-Methylnaphthalene	8.863	142	1395303	70.59	ng		98
38) 1-Methylnaphthalene	8.963	142	1305556	70.28	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	602824	76.50	ng		98
41) Hexachlorocyclopentadiene	9.016	237	334596	92.82	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	439871	74.09	ng		93
44) 2,4,5-Trichlorophenol	9.186	196	469641	72.71	ng		94
46) 1,1'-Biphenyl	9.327	154	1608264	70.03	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.357	162	1286001	70.02	ng		99
48) 2-Nitroaniline	9.451	65	479854	77.93	ng	#	81
49) Acenaphthylene	9.774	152	1932065	65.38	ng		99
50) Dimethylphthalate	9.639	163	1511132	73.28	ng		100
51) 2,6-Dinitrotoluene	9.698	165	357741	72.12	ng	#	83
52) Acenaphthene	9.945	154	1364716m	71.00	ng		
53) 3-Nitroaniline	9.869	138	382687	64.91	ng	#	79
54) 2,4-Dinitrophenol	9.969	184	220436	83.82	ng	#	83
55) Dibenzofuran	10.116	168	1797921	69.16	ng		96
56) 4-Nitrophenol	10.027	139	318282	65.69	ng	#	69
57) 2,4-Dinitrotoluene	10.104	165	470890	70.30	ng	#	86
58) Fluorene	10.463	166	1404501	69.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	384093	75.13	ng	#	87
60) Diethylphthalate	10.333	149	1482277	70.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	669280	74.48	ng		98
62) 4-Nitroaniline	10.492	138	394605	66.37	ng		89
63) Azobenzene	10.616	77	1617290	73.90	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	297150	86.93	ng		84
66) n-Nitrosodiphenylamine	10.574	169	1274912	71.11	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	419027	74.35	ng	#	90
68) Hexachlorobenzene	11.010	284	441150	71.52	ng	#	90
69) Atrazine	11.104	200	410155	76.73	ng		97
70) Pentachlorophenol	11.204	266	301817	78.52	ng		99
71) Phenanthrene	11.427	178	2109734	67.49	ng		99
72) Anthracene	11.480	178	2110596	67.56	ng		100
73) Carbazole	11.633	167	1976471	66.39	ng		99
74) Di-n-butylphthalate	11.963	149	2254184	70.41	ng		99
75) Fluoranthene	12.616	202	2243560	71.44	ng		99
77) Benzidine	12.733	184	748182	51.37	ng		99
78) Pyrene	12.851	202	2268352	74.63	ng		99
80) Butylbenzylphthalate	13.463	149	1022170	76.06	ng		91
81) Benzo(a)anthracene	14.039	228	1955132	70.61	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	628250	65.48	ng	#	97
83) Chrysene	14.080	228	1940616	71.11	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1349023	77.34	ng		98
85) Di-n-octyl phthalate	14.645	149	2284155	76.13	ng		97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1591401	64.48	ng		97
88) Benzo(b)fluoranthene	15.098	252	2078947	82.36	ng		99
89) Benzo(k)fluoranthene	15.133	252	1595968	68.81	ng		100
90) Benzo(a)pyrene	15.468	252	1674843	74.21	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	1381588	66.00	ng		99
92) Benzo(g,h,i)perylene	17.468	276	1270092	62.35	ng		98

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

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