Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123034.D
Acq On : 22 Jan 2021 13:39
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/25/2021 11:28:56 AM

Quant Time: Jan 22 15:32:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 15:31:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	427643	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1501886	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	753685	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	1350571	20.00	ng		0.00
76) Chrysene-d12	14.092	240	954366	20.00	ng		0.00
86) Perylene-d12	15.574	264	780578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	3708541	133.26	ng		0.00
7) Phenol-d6	6.528	99	4955691	131.20	ng		0.01
23) Nitrobenzene-d5	7.469	82	4203603	148.40	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	1188269	152.16	ng		0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	13.027	244	6702582	131.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	1009976	72.66	ng		97
3) Pyridine	3.422	79	2670538	72.06	ng		98
4) n-Nitrosodimethylamine	3.393	42	1093549	72.78	ng		99
6) Aniline	6.557	93	3346968	71.16	ng		99
8) 2-Chlorophenol	6.687	128	2025059	65.88	ng		98
9) Benzaldehyde	6.445	77	1065691	68.21	ng		99
10) Phenol	6.539	94	2546899m	68.08	ng		
11) bis(2-Chloroethyl)ether	6.634	93	2011692	66.11	ng		95
13) 1,4-Dichlorobenzene	6.916	146	2275048	64.77	ng		96
15) Benzyl Alcohol	7.039	79	1812899	67.27	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	2977647	65.28	ng		98
17) 2-Methylphenol	7.145	107	1785410	69.02	ng		98
18) Hexachloroethane	7.416	117	882250	67.74	ng		98
19) n-Nitroso-di-n-propyla...	7.322	70	1460621	65.07	ng		99
20) 3+4-Methylphenols	7.304	107	1989217	64.89	ng	#	85
22) Acetophenone	7.310	105	2610421	67.09	ng	#	96
24) Nitrobenzene	7.486	77	2152173	73.39	ng		97
25) Isophorone	7.728	82	3821854	71.30	ng		97
26) 2-Nitrophenol	7.798	139	1041701	87.71	ng		94
27) 2,4-Dimethylphenol	7.833	122	1702057	72.46	ng		96
28) bis(2-Chloroethoxy)met...	7.934	93	2501698	68.90	ng		97
29) 2,4-Dichlorophenol	8.039	162	1687873	72.65	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	1853653	69.82	ng		99
32) Benzoic acid	7.975	122	1398024	94.73	ng		100
33) 4-Chloroaniline	8.251	127	2606564	71.45	ng		98
34) Hexachlorobutadiene	8.322	225	1052040	71.47	ng		99
35) Caprolactam	8.645	113	617569m	75.87	ng		
36) 4-Chloro-3-methylphenol	8.733	107	1811397	72.33	ng		99
37) 2-Methylnaphthalene	8.898	142	3619965	65.64	ng		98
38) 1-Methylnaphthalene	8.998	142	3424638	65.34	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	1529374	70.29	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	835055	77.21	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	1181677	75.66	ng		98
44) 2,4,5-Trichlorophenol	9.210	196	1220945	75.87	ng		96
47) 2-Chloronaphthalene	9.392	162	3429914	67.93	ng		96
48) 2-Nitroaniline	9.480	65	1224652	82.69	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	9.810	152	5046773	65.95	ng		95
50) Dimethylphthalate	9.669	163	4065640	69.50	ng		97
51) 2,6-Dinitrotoluene	9.727	165	937509	77.32	ng		92
52) Acenaphthene	9.980	154	3367912	68.70	ng		97
53) 3-Nitroaniline	9.898	138	1191940	78.39	ng		95
54) 2,4-Dinitrophenol	9.998	184	420511	97.13	ng		97
56) 4-Nitrophenol	10.045	139	920854	83.57	ng		90
57) 2,4-Dinitrotoluene	10.133	165	1265525	82.64	ng		93
58) Fluorene	10.498	166	3329574	64.45	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	984095	75.89	ng	#	89
60) Diethylphthalate	10.369	149	3951534	67.39	ng		96
62) 4-Nitroaniline	10.516	138	1231778	80.29	ng		96
63) Azobenzene	10.645	77	3806069	66.69	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	562434	93.75	ng		87
66) n-Nitrosodiphenylamine	10.604	169	3174072	68.40	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	1106443	71.08	ng		97
68) Hexachlorobenzene	11.045	284	1271485	71.88	ng		95
69) Atrazine	11.133	200	921902	69.43	ng		97
70) Pentachlorophenol	11.233	266	733304	81.86	ng		98
78) Pyrene	12.886	202	5169782	70.68	ng		94
80) Butylbenzylphthalate	13.504	149	2566399	76.01	ng		95
81) Benzo(a)anthracene	14.080	228	4502984	70.55	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	1476315	70.62	ng	#	97
83) Chrysene	14.121	228	4386563	69.60	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	3070056	67.14	ng		96
85) Di-n-octyl phthalate	14.686	149	5189455	67.98	ng		97
87) Indeno(1,2,3-cd)pyrene	17.086	276	3581349	68.41	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	4213517	75.51	ng	#	97
89) Benzo(k)fluoranthene	15.174	252	3897791	74.31	ng	#	94
90) Benzo(a)pyrene	15.521	252	3699461	74.49	ng	#	96
91) Dibenzo(a,h)anthracene	17.109	278	2933335	67.48	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	2785181	67.94	ng	#	92

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

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