Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123887.D
Acq On : 10 May 2021 15:10
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: May 10 15:52:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 14:57:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	106825	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	377370	20.00	ng		0.00
39) Acenaphthene-d10	9.816	164	213906	20.00	ng		0.00
64) Phenanthrene-d10	11.298	188	505066	20.00	ng		# 0.00
76) Chrysene-d12	13.933	240	227889	20.00	ng		0.00
86) Perylene-d12	15.368	264	178131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	748869	111.06	ng		0.00
7) Phenol-d6	6.422	99	1042911	112.28	ng		0.00
23) Nitrobenzene-d5	7.345	82	1040789	124.50	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	392878	147.54	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	2080156	141.62	ng		0.00
79) Terphenyl-d14	12.886	244	1994091	168.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	179958	49.54	ng		94
3) Pyridine	3.187	79	406939	45.84	ng		90
4) n-Nitrosodimethylamine	3.151	42	317842	65.00	ng	#	75
6) Aniline	6.439	93	573715	53.40	ng	#	1
8) 2-Chlorophenol	6.563	128	413492	57.01	ng		97
9) Benzaldehyde	6.322	77	218737	48.65	ng		95
10) Phenol	6.439	94	555488	55.67	ng	#	61
11) bis(2-Chloroethyl)ether	6.516	93	376099	51.63	ng		98
12) 1,3-Dichlorobenzene	6.716	146	428786	58.51	ng		99
13) 1,4-Dichlorobenzene	6.792	146	429359	57.91	ng		97
14) 1,2-Dichlorobenzene	6.945	146	410289	56.99	ng		97
15) Benzyl Alcohol	6.922	79	430236	59.09	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	801230	51.71	ng		89
17) 2-Methylphenol	7.039	107	343966	55.65	ng	#	91
18) Hexachloroethane	7.286	117	173693	59.18	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	333967	58.23	ng		97
20) 3+4-Methylphenols	7.198	107	462323	58.78	ng	#	84
22) Acetophenone	7.192	105	630666	61.48	ng	#	89
24) Nitrobenzene	7.363	77	519975	59.72	ng		95
25) Isophorone	7.604	82	886320	56.55	ng		99
26) 2-Nitrophenol	7.675	139	216972	61.06	ng		91
27) 2,4-Dimethylphenol	7.722	122	325647	58.34	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	430609	53.91	ng		99
29) 2,4-Dichlorophenol	7.922	162	335920	61.06	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	353965	61.40	ng		98
31) Naphthalene	8.080	128	1175510	60.49	ng		100
32) Benzoic acid	7.875	122	204615	58.24	ng		97
33) 4-Chloroaniline	8.133	127	477101	58.84	ng		98
34) Hexachlorobutadiene	8.198	225	235774	67.10	ng		97
35) Caprolactam	8.522	113	120503	62.39	ng		96
36) 4-Chloro-3-methylphenol	8.627	107	476590	69.43	ng		94
37) 2-Methylnaphthalene	8.775	142	875340	69.12	ng		98
38) 1-Methylnaphthalene	8.869	142	827641	69.54	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	423390	67.26	ng		99
41) Hexachlorocyclopentadiene	8.927	237	164209	65.76	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	306246	70.63	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	327725	70.45	ng		99
46) 1,1'-Biphenyl	9.239	154	1183052	67.51	ng		99
47) 2-Chloronaphthalene	9.263	162	873217	66.09	ng		98
48) 2-Nitroaniline	9.363	65	429162	73.73	ng		95
49) Acenaphthylene	9.674	152	1473478	69.09	ng		100
50) Dimethylphthalate	9.545	163	1027868	68.22	ng		99
51) 2,6-Dinitrotoluene	9.604	165	240283	68.98	ng		96
52) Acenaphthene	9.851	154	880325	67.74	ng		99
53) 3-Nitroaniline	9.774	138	227269	54.63	ng		95
54) 2,4-Dinitrophenol	9.880	184	123116	66.55	ng	#	83
55) Dibenzofuran	10.022	168	1344732	68.42	ng		99
56) 4-Nitrophenol	9.951	139	193757	63.95	ng		93
57) 2,4-Dinitrotoluene	10.010	165	326849	68.83	ng	#	86
58) Fluorene	10.363	166	992305	65.70	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	265274	72.02	ng		99
60) Diethylphthalate	10.239	149	1084398	67.62	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	509187	72.34	ng		97
62) 4-Nitroaniline	10.392	138	272388	66.08	ng	#	81
63) Azobenzene	10.516	77	1172259	63.59	ng		97
65) 4,6-Dinitro-2-methylph...	10.422	198	197773	63.20	ng		82
66) n-Nitrosodiphenylamine	10.474	169	942180	57.03	ng		100
67) 4-Bromophenyl-phenylether	10.845	248	309920	58.27	ng		93
68) Hexachlorobenzene	10.910	284	357685	59.08	ng		95
69) Atrazine	11.004	200	270471	54.15	ng		98
70) Pentachlorophenol	11.104	266	190163	61.63	ng		94
71) Phenanthrene	11.321	178	1539811	58.12	ng		99
72) Anthracene	11.374	178	1569297	59.58	ng		100
73) Carbazole	11.533	167	1168504	43.89	ng		100
74) Di-n-butylphthalate	11.863	149	1509468	50.50	ng		99
75) Fluoranthene	12.510	202	1751275	60.61	ng		98
78) Pyrene	12.739	202	1279960	72.36	ng		98
80) Butylbenzylphthalate	13.357	149	454203	60.10	ng		97
81) Benzo(a)anthracene	13.927	228	878638	63.62	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	231999	54.70	ng		98
83) Chrysene	13.962	228	830010	59.74	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	515173	54.87	ng		97
85) Di-n-octyl phthalate	14.527	149	643963	42.90	ng		100
87) Indeno(1,2,3-cd)pyrene	16.798	276	796618	76.79	ng	#	95
88) Benzo(b)fluoranthene	14.962	252	681715	56.79	ng		99
89) Benzo(k)fluoranthene	14.992	252	633048	55.26	ng	#	98
90) Benzo(a)pyrene	15.315	252	608987	59.33	ng	#	97
91) Dibenzo(a,h)anthracene	16.815	278	672672	76.80	ng	#	95
92) Benzo(g,h,i)perylene	17.233	276	686291	78.23	ng	#	94

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

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