Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121915.D
Acq On : 12 Oct 2020 11:28
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Oct 12 13:31:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 13:28:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	108728	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	424131	20.00	ng		0.00
39) Acenaphthene-d10	9.786	164	216463	20.00	ng		0.00
64) Phenanthrene-d10	11.269	188	402830	20.00	ng		0.00
76) Chrysene-d12	13.916	240	340028	20.00	ng		0.00
86) Perylene-d12	15.351	264	318363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	166552	22.76	ng		0.00
7) Phenol-d6	6.387	99	214009	22.30	ng		-0.01
23) Nitrobenzene-d5	7.310	82	171454	21.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	55022	20.45	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	345343	24.16	ng		0.00
79) Terphenyl-d14	12.851	244	377764	22.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	34164	10.16	ng		98
3) Pyridine	3.175	79	81548	8.78	ng		99
4) n-Nitrosodimethylamine	3.099	42	41805	9.70	ng	#	96
6) Aniline	6.404	93	132116	10.57	ng	#	72
8) 2-Chlorophenol	6.534	128	83820	11.25	ng		95
9) Benzaldehyde	6.298	77	71535	11.40	ng		97
10) Phenol	6.398	94	112486	11.01	ng		99
11) bis(2-Chloroethyl)ether	6.481	93	83669	10.86	ng		96
12) 1,3-Dichlorobenzene	6.687	146	92555	11.13	ng		96
13) 1,4-Dichlorobenzene	6.763	146	93663	11.22	ng		98
14) 1,2-Dichlorobenzene	6.916	146	88752	11.54	ng		99
15) Benzyl Alcohol	6.892	79	68164	10.45	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	131780	10.63	ng		86
17) 2-Methylphenol	7.010	107	71588	11.29	ng		99
18) Hexachloroethane	7.257	117	33197	11.11	ng		96
19) n-Nitroso-di-n-propyla...	7.157	70	61195	11.06	ng		99
20) 3+4-Methylphenols	7.169	107	91071	11.96	ng	#	65
22) Acetophenone	7.157	105	120415	11.19	ng	#	89
24) Nitrobenzene	7.328	77	93285	10.92	ng		99
25) Isophorone	7.569	82	159904	10.06	ng		99
26) 2-Nitrophenol	7.651	139	41390	11.32	ng		99
27) 2,4-Dimethylphenol	7.692	122	73920	10.41	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	102737	10.44	ng		99
29) 2,4-Dichlorophenol	7.898	162	68811	10.64	ng		96
30) 1,2,4-Trichlorobenzene	7.975	180	73340	10.77	ng		97
31) Naphthalene	8.051	128	248436	11.10	ng		99
32) Benzoic acid	7.804	122	23361	4.99	ng		94
33) 4-Chloroaniline	8.104	127	102288	10.54	ng		99
34) Hexachlorobutadiene	8.169	225	42935	10.74	ng		96
35) Caprolactam	8.457	113	20624	9.58	ng		90
36) 4-Chloro-3-methylphenol	8.592	107	72478	10.41	ng		98
37) 2-Methylnaphthalene	8.745	142	162812	11.10	ng		98
38) 1-Methylnaphthalene	8.839	142	148529	10.88	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	75936	11.23	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	44892	9.74	ng		99
44) 2,4,5-Trichlorophenol	9.075	196	48856	10.03	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.204	154	195487	11.28	ng		98
47) 2-Chloronaphthalene	9.233	162	149356	10.94	ng		98
48) 2-Nitroaniline	9.333	65	46338	10.92	ng		98
49) Acenaphthylene	9.645	152	235986	11.25	ng		99
50) Dimethylphthalate	9.504	163	168094	10.71	ng		100
51) 2,6-Dinitrotoluene	9.575	165	36406	10.90	ng		89
52) Acenaphthene	9.816	154	139183	10.50	ng		99
53) 3-Nitroaniline	9.745	138	41802	10.80	ng		94
54) 2,4-Dinitrophenol	9.869	184	7461	4.96	ng	#	89
55) Dibenzofuran	9.992	168	209308	11.22	ng		96
56) 4-Nitrophenol	9.933	139	17976	5.82	ng		93
57) 2,4-Dinitrotoluene	9.980	165	46541	11.07	ng		97
58) Fluorene	10.333	166	168008	11.77	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	35743	9.02	ng		97
60) Diethylphthalate	10.204	149	168078	10.99	ng		97
61) 4-Chlorophenyl-phenyle...	10.322	204	78684	11.51	ng		94
62) 4-Nitroaniline	10.351	138	40500	10.54	ng		92
63) Azobenzene	10.486	77	177398	10.89	ng		96
65) 4,6-Dinitro-2-methylph...	10.398	198	18713	8.52	ng		99
66) n-Nitrosodiphenylamine	10.445	169	150740	10.91	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	48493	10.57	ng		98
68) Hexachlorobenzene	10.880	284	55482	10.72	ng		98
69) Atrazine	10.969	200	34937	10.18	ng		100
70) Pentachlorophenol	11.086	266	10931	3.85	ng		95
71) Phenanthrene	11.292	178	248230	11.31	ng		99
72) Anthracene	11.345	178	255563	11.28	ng		98
73) Carbazole	11.504	167	223200	10.92	ng		98
74) Di-n-butylphthalate	11.833	149	257690	10.92	ng		98
75) Fluoranthene	12.486	202	261663	11.17	ng		96
77) Benzidine	12.610	184	117378	10.41	ng		99
78) Pyrene	12.710	202	267634	10.77	ng		98
80) Butylbenzylphthalate	13.327	149	101999	10.15	ng		99
81) Benzo(a)anthracene	13.904	228	233831	10.87	ng		99
82) 3,3'-Dichlorobenzidine	13.863	252	87023	10.36	ng	#	98
83) Chrysene	13.939	228	229813	10.55	ng		100
84) Bis(2-ethylhexyl)phtha...	13.892	149	142932	10.65	ng		99
85) Di-n-octyl phthalate	14.504	149	233502	9.86	ng		98
87) Indeno(1,2,3-cd)pyrene	16.762	276	216844	10.46	ng		99
88) Benzo(b)fluoranthene	14.939	252	223552	10.50	ng		99
89) Benzo(k)fluoranthene	14.963	252	212436	10.90	ng		98
90) Benzo(a)pyrene	15.292	252	193643	10.70	ng		99
91) Dibenzo(a,h)anthracene	16.774	278	181178	10.50	ng		98
92) Benzo(g,h,i)perylene	17.192	276	177805	10.48	ng		97

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

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