Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121322.D
Acq On : 18 Aug 2020 13:05
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Aug 18 13:44:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 12:15:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	93874	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	340321	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	182149	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	358629	20.00	ng		0.00
76) Chrysene-d12	13.86	240	280319	20.00	ng		0.00
86) Perylene-d12	15.27	264	321476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	806409	130.24	ng		0.00
7) Phenol-d6	6.35	99	1025259	128.49	ng		0.00
23) Nitrobenzene-d5	7.27	82	877151	140.86	ng		0.01
42) 2,4,6-Tribromophenol	10.53	330	315127	140.52	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1428905	108.52	ng		0.00
79) Terphenyl-d14	12.81	244	1713392	119.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	189824	72.038	ng		99
3) Pyridine	2.96	79	504158	73.499	ng		99
4) n-Nitrosodimethylamine	2.92	42	209077	74.424	ng		97
6) Aniline	6.36	93	589739	62.347	ng	#	62
8) 2-Chlorophenol	6.49	128	426257	62.604	ng		98
9) Benzaldehyde	6.25	77	287628	69.949	ng		97
10) Phenol	6.36	94	501310	57.916	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	429967	68.818	ng		97
12) 1,3-Dichlorobenzene	6.64	146	472196	65.635	ng		98
13) 1,4-Dichlorobenzene	6.72	146	477129	65.616	ng		98
14) 1,2-Dichlorobenzene	6.87	146	434629	63.331	ng		96
15) Benzyl Alcohol	6.85	79	308223	57.666	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	631533	70.195	ng		94
17) 2-Methylphenol	6.97	107	351089	65.279	ng		96
18) Hexachloroethane	7.21	117	180798	70.310	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	268214	60.499	ng		99
20) 3+4-Methylphenols	7.12	107	382674	56.081	ng		90
22) Acetophenone	7.12	105	554623	63.274	ng	#	98
24) Nitrobenzene	7.29	77	456761	67.601	ng		96
25) Isophorone	7.53	82	829597	66.356	ng		99
26) 2-Nitrophenol	7.60	139	244664	74.734	ng		98
27) 2,4-Dimethylphenol	7.65	122	335958	64.049	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	551900	78.924	ng		99
29) 2,4-Dichlorophenol	7.85	162	367243	68.466	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	405465	68.489	ng		99
31) Naphthalene	8.00	128	1202608	62.811	ng		99
32) Benzoic acid	7.80	122	280535	111.668	ng		97
33) 4-Chloroaniline	8.06	127	559826	71.648	ng		99
34) Hexachlorobutadiene	8.12	225	242740	67.767	ng		98
35) Caprolactam	8.45	113	128459	79.510	ng		100
36) 4-Chloro-3-methylphenol	8.55	107	376819	68.856	ng		99
37) 2-Methylnaphthalene	8.70	142	797051	63.262	ng		99
38) 1-Methylnaphthalene	8.80	142	754062	63.210	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	390261	63.943	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	163099	123.059 ng	100
43) 2,4,6-Trichlorophenol	8.98	196	274034	70.599 ng	99
44) 2,4,5-Trichlorophenol	9.03	196	283831	67.322 ng	97
46) 1,1'-Biphenyl	9.16	154	956051	60.745 ng	99
47) 2-Chloronaphthalene	9.19	162	795727	65.679 ng	99
48) 2-Nitroaniline	9.29	65	264307	77.613 ng	95
49) Acenaphthylene	9.60	152	1167074	60.650 ng	99
50) Dimethylphthalate	9.47	163	981623	71.618 ng	99
51) 2,6-Dinitrotoluene	9.53	165	213985	70.036 ng	93
52) Acenaphthene	9.77	154	722992	63.459 ng	99
53) 3-Nitroaniline	9.70	138	271438	77.808 ng	90
54) 2,4-Dinitrophenol	9.82	184	126304	139.652 ng	97
55) Dibenzofuran	9.95	168	1020988	56.274 ng	99
56) 4-Nitrophenol	9.87	139	178916	79.471 ng	95
57) 2,4-Dinitrotoluene	9.94	165	256521	63.975 ng	92
58) Fluorene	10.29	166	769428	56.025 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	245669	73.699 ng	98
60) Diethylphthalate	10.17	149	965217	69.251 ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	393325	58.885 ng	95
62) 4-Nitroaniline	10.32	138	286298	81.854 ng	99
63) Azobenzene	10.44	77	883956	63.473 ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	161448	81.261 ng	83
66) n-Nitrosodiphenylamine	10.40	169	774558	62.988 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	289382	69.176 ng	94
68) Hexachlorobenzene	10.84	284	324184	67.959 ng	98
69) Atrazine	10.94	200	261542	71.107 ng	99
70) Pentachlorophenol	11.03	266	175730	99.969 ng	98
71) Phenanthrene	11.25	178	1233968	60.144 ng	100
72) Anthracene	11.30	178	1249473	60.687 ng	99
73) Carbazole	11.46	167	1226487	60.911 ng	98
74) Di-n-butylphthalate	11.79	149	1534283	67.507 ng	99
75) Fluoranthene	12.43	202	1402043	61.370 ng	98
77) Benzidine	12.56	184	580928	78.831 ng	99
78) Pyrene	12.66	202	1439604	68.964 ng	99
80) Butylbenzylphthalate	13.29	149	693936	81.383 ng	94
81) Benzo(a)anthracene	13.86	228	1117906	58.798 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	492978	65.353 ng	99
83) Chrysene	13.89	228	1279519	65.915 ng	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	765868	65.165 ng	100
85) Di-n-octyl phthalate	14.46	149	1610043	74.718 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1657474	69.346 ng	99
88) Benzo(b)fluoranthene	14.88	252	1473284	68.397 ng	100
89) Benzo(k)fluoranthene	14.91	252	1223055	61.145 ng	99
90) Benzo(a)pyrene	15.22	252	1304727	67.110 ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1304789	63.710 ng	100
92) Benzo(g,h,i)perylene	17.07	276	1364942	67.535 ng	99

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

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