Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114971.D
Acq On : 12 Jun 2019 12:35
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jun 12 13:08:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 12:22:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	237213	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	965742	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	463222	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	896237	20.00	ng		0.00
76) Chrysene-d12	13.78	240	476917	20.00	ng		0.00
87) Perylene-d12	15.16	264	494491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1637811	116.85	ng		0.00
7) Phenol-d6	6.30	99	1953305	115.54	ng		0.00
23) Nitrobenzene-d5	7.22	82	1838753	116.98	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	569394	113.00	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2999987	102.78	ng		0.00
79) Terphenyl-d14	12.74	244	2949597	123.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	396113	59.556	ng		99
3) Pyridine	2.95	79	1082092	58.446	ng		99
4) n-Nitrosodimethylamine	2.90	42	394873	59.379	ng		97
6) Aniline	6.32	93	1301882	56.849	ng		89
8) 2-Chlorophenol	6.44	128	933158	58.335	ng		96
9) Benzaldehyde	6.19	77	515012	47.596	ng		100
10) Phenol	6.32	94	1085917	57.603	ng		96
11) bis(2-Chloroethyl)ether	6.39	93	876234	58.320	ng		99
12) 1,3-Dichlorobenzene	6.59	146	1102645	59.392	ng		99
13) 1,4-Dichlorobenzene	6.67	146	1104104	59.305	ng		99
14) 1,2-Dichlorobenzene	6.82	146	987565	58.443	ng		98
15) Benzyl Alcohol	6.80	79	700917	57.456	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1173465	56.790	ng		99
17) 2-Methylphenol	6.92	107	783722	58.512	ng		98
18) Hexachloroethane	7.16	117	402507	58.666	ng		100
19) n-Nitroso-di-n-propylamine	7.09	70	602482	56.989	ng		99
20) 3+4-Methylphenols	7.07	107	863827	57.599	ng	#	80
22) Acetophenone	7.07	105	1242010	57.453	ng	#	99
24) Nitrobenzene	7.24	77	951797	58.211	ng		94
25) Isophorone	7.48	82	1752660	56.943	ng		99
26) 2-Nitrophenol	7.55	139	540011	59.446	ng		98
27) 2,4-Dimethylphenol	7.60	122	765567	57.593	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	1111484	56.450	ng		100
29) 2,4-Dichlorophenol	7.80	162	806429	57.931	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	927569	58.061	ng		99
31) Naphthalene	7.96	128	2581805	58.019	ng		99
32) Benzoic acid	7.76	122	601936	60.622	ng		98
33) 4-Chloroaniline	8.01	127	1196805	56.992	ng		97
34) Hexachlorobutadiene	8.08	225	520203	58.055	ng		99
35) Caprolactam	8.40	113	269347	57.440	ng		98
36) 4-Chloro-3-methylphenol	8.50	107	805090	56.941	ng		98
37) 2-Methylnaphthalene	8.65	142	1735631	57.397	ng		99
38) 1-Methylnaphthalene	8.75	142	1624920	56.817	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	779645	58.540	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	423465	55.937 ng		98
43) 2,4,6-Trichlorophenol	8.93	196	596611	58.994 ng		99
44) 2,4,5-Trichlorophenol	8.97	196	599748	57.515 ng		97
46) 1,1'-Biphenyl	9.11	154	2028198	58.525 ng		99
47) 2-Chloronaphthalene	9.13	162	1715041	58.624 ng		98
48) 2-Nitroaniline	9.23	65	518047	58.175 ng		97
49) Acenaphthylene	9.55	152	2516105	58.364 ng		99
50) Dimethylphthalate	9.42	163	1986096	57.046 ng		100
51) 2,6-Dinitrotoluene	9.47	165	461291	57.686 ng	#	88
52) Acenaphthene	9.72	154	1474954	56.474 ng		99
53) 3-Nitroaniline	9.65	138	568660	59.220 ng		91
54) 2,4-Dinitrophenol	9.75	184	248464	62.778 ng		93
55) Dibenzofuran	9.89	168	2136080	57.294 ng		98
56) 4-Nitrophenol	9.81	139	393738	57.534 ng		97
57) 2,4-Dinitrotoluene	9.87	165	592260	58.594 ng		91
58) Fluorene	10.23	166	1541131	53.624 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.01	232	485107	57.546 ng		99
60) Diethylphthalate	10.12	149	1910449	56.459 ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	759205	52.768 ng		99
62) 4-Nitroaniline	10.26	138	565919	57.507 ng		98
63) Azobenzene	10.38	77	1678451	56.989 ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	312109	62.097 ng		92
66) n-Nitrosodiphenylamine	10.34	169	1523123	57.202 ng		100
67) 4-Bromophenyl-phenylether	10.71	248	555296	57.201 ng		96
68) Hexachlorobenzene	10.78	284	609681	56.871 ng	#	92
69) Atrazine	10.87	200	488017	54.393 ng		99
70) Pentachlorophenol	10.97	266	355023	59.057 ng		100
71) Phenanthrene	11.18	178	2508103	57.680 ng		100
72) Anthracene	11.23	178	2536342	57.468 ng		99
73) Carbazole	11.39	167	2293707	57.083 ng		100
74) Di-n-butylphthalate	11.73	149	2783766	56.057 ng		99
75) Fluoranthene	12.36	202	2539618	56.466 ng		99
77) Benzidine	12.48	184	1078157	51.657 ng		96
78) Pyrene	12.59	202	2575236	62.001 ng		99
80) Butylbenzylphthalate	13.22	149	1225133	59.872 ng		99
81) Benzo(a)anthracene	13.77	228	2119276	60.098 ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	788446	54.775 ng		99
83) Chrysene	13.81	228	2076465	58.638 ng		99
84) Bis(2-ethylhexyl)phthalate	13.78	149	1470827	61.374 ng		100
85) Di-n-octyl phthalate	14.39	149	2472929	56.488 ng		100
86) Indeno(1,2,3-cd)pyrene	16.47	276	1821322	54.709 ng		100
88) Benzo(b)fluoranthene	14.78	252	1927969	59.888 ng		99
89) Benzo(k)fluoranthene	14.81	252	1652527	59.149 ng		99
90) Benzo(a)pyrene	15.10	252	1650126	59.013 ng		99
91) Dibenzo(a,h)anthracene	16.48	278	1452056	61.478 ng		100
92) Benzo(g,h,i)perylene	16.86	276	1511049	64.181 ng		99

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

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