Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112235.D
Acq On : 25 Jan 2019 16:18
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jan 25 16:45:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 15:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200421	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	688378	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	368148	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	714726	20.00	ng		0.00
76) Chrysene-d12	14.02	240	467630	20.00	ng		0.00
87) Perylene-d12	15.47	264	473167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1194030	108.13	ng		0.00
7) Phenol-d6	6.50	99	1546169	111.92	ng		0.01
23) Nitrobenzene-d5	7.42	82	1335408	134.03	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	522841	131.65	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2766795	110.18	ng		0.00
79) Terphenyl-d14	12.96	244	2834388	128.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	216977	41.897	ng		94
3) Pyridine	3.37	79	581666	44.844	ng		96
4) n-Nitrosodimethylamine	3.33	42	251996	47.849	ng	#	89
6) Aniline	6.52	93	919152	54.701	ng	#	51
8) 2-Chlorophenol	6.65	128	736988	57.467	ng		100
9) Benzaldehyde	6.40	77	344261	44.021	ng		95
10) Phenol	6.52	94	860130	56.966	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	680495	56.683	ng		99
12) 1,3-Dichlorobenzene	6.79	146	844647	57.712	ng		99
13) 1,4-Dichlorobenzene	6.87	146	858500	57.346	ng		99
14) 1,2-Dichlorobenzene	7.02	146	774559	56.169	ng		96
15) Benzyl Alcohol	7.00	79	616893	59.933	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	754651	43.590	ng		84
17) 2-Methylphenol	7.12	107	527918	54.814	ng	#	90
18) Hexachloroethane	7.36	117	263375	52.711	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	455990	54.178	ng		99
20) 3+4-Methylphenols	7.27	107	630907	54.028	ng	#	83
22) Acetophenone	7.26	105	934953	58.625	ng		97
24) Nitrobenzene	7.43	77	663121	62.798	ng		99
25) Isophorone	7.67	82	964882	50.137	ng		98
26) 2-Nitrophenol	7.75	139	367298	73.678	ng		96
27) 2,4-Dimethylphenol	7.79	122	485560	54.354	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	684432	51.846	ng		99
29) 2,4-Dichlorophenol	8.00	162	550943	56.457	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	636367	56.191	ng		99
31) Naphthalene	8.16	128	1861832	59.465	ng		98
32) Benzoic acid	7.95	122	313523	85.310	ng		99
33) 4-Chloroaniline	8.20	127	823493	58.523	ng		99
34) Hexachlorobutadiene	8.27	225	404873	64.241	ng		99
35) Caprolactam	8.60	113	219268	64.198	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	651790	68.384	ng		98
37) 2-Methylnaphthalene	8.85	142	1357929	63.870	ng		97
38) 1-Methylnaphthalene	8.95	142	1296812	63.467	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	691595	58.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	259798	67.062 ng		98
43) 2,4,6-Trichlorophenol	9.13	196	445442	62.986 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	468544	62.206 ng	#	94
46) 1,1'-Biphenyl	9.31	154	1808287	58.742 ng		97
47) 2-Chloronaphthalene	9.34	162	1419545	58.911 ng		97
48) 2-Nitroaniline	9.43	65	403833	74.404 ng		92
49) Acenaphthylene	9.75	152	2054677	58.432 ng		100
50) Dimethylphthalate	9.61	163	1661259	61.876 ng		100
51) 2,6-Dinitrotoluene	9.67	165	377898	70.481 ng	#	84
52) Acenaphthene	9.92	154	1243119	57.781 ng		100
53) 3-Nitroaniline	9.85	138	415849	69.357 ng		91
54) 2,4-Dinitrophenol	9.96	184	143979	125.987 ng		96
55) Dibenzofuran	10.09	168	1871425	57.519 ng		94
56) 4-Nitrophenol	10.02	139	240615	64.567 ng		93
57) 2,4-Dinitrotoluene	10.09	165	490384	76.753 ng	#	88
58) Fluorene	10.44	166	1405905	57.835 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	358996	63.161 ng		94
60) Diethylphthalate	10.31	149	1632797	62.302 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	753309	57.428 ng		95
62) 4-Nitroaniline	10.46	138	412186	69.232 ng		94
63) Azobenzene	10.59	77	1465298	58.384 ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	252031	99.452 ng		88
66) n-Nitrosodiphenylamine	10.55	169	1376515	58.257 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	483917	58.290 ng		98
68) Hexachlorobenzene	10.99	284	519547	58.096 ng		98
69) Atrazine	11.07	200	414391	54.349 ng		97
70) Pentachlorophenol	11.19	266	235619	63.713 ng		98
71) Phenanthrene	11.40	178	2055920	57.158 ng		99
72) Anthracene	11.45	178	2091398	57.398 ng		99
73) Carbazole	11.60	167	2063541	56.534 ng		98
74) Di-n-butylphthalate	11.93	149	2473150	60.235 ng		99
75) Fluoranthene	12.59	202	1914670	50.416 ng		99
77) Benzidine	12.70	184	648002	41.532 ng		97
78) Pyrene	12.82	202	1926084	62.429 ng		100
80) Butylbenzylphthalate	13.42	149	979919	72.399 ng		94
81) Benzo(a)anthracene	14.00	228	1605979	59.897 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	568462	56.613 ng		98
83) Chrysene	14.04	228	1587757	62.582 ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1364454	70.340 ng		99
85) Di-n-octyl phthalate	14.59	149	2255501	75.466 ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1429667	61.080 ng		97
88) Benzo(b)fluoranthene	15.05	252	1749663	65.143 ng		99
89) Benzo(k)fluoranthene	15.09	252	1494436	57.487 ng		99
90) Benzo(a)pyrene	15.42	252	1491821	60.566 ng		100
91) Dibenzo(a,h)anthracene	16.97	278	1187280	54.270 ng		98
92) Benzo(g,h,i)perylene	17.41	276	1145583	53.153 ng		98

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

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