Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
Data File : BF114256.D
Acq On : 14 May 2019 16:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 15 02:02:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	245990	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	981079	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	456674	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	893179	20.00	ng		0.01
76) Chrysene-d12	14.03	240	625556	20.00	ng		0.00
87) Perylene-d12	15.52	264	624521	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1185444	77.55	ng		0.00
7) Phenol-d6	6.50	99	1488443	82.33	ng		0.01
23) Nitrobenzene-d5	7.42	82	1435171	82.10	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	358450	75.92	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2306354	76.39	ng		0.00
79) Terphenyl-d14	12.96	244	2264492	74.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	306303	36.456	ng		98
3) Pyridine	3.39	79	865468	37.386	ng		96
4) n-Nitrosodimethylamine	3.34	42	414756	37.154	ng		91
6) Aniline	6.52	93	1010329	38.687	ng	#	57
8) 2-Chlorophenol	6.65	128	673640	41.281	ng		95
9) Benzaldehyde	6.40	77	494800	39.094	ng		99
10) Phenol	6.52	94	842985	39.637	ng	#	70
11) bis(2-Chloroethyl)ether	6.59	93	687319	42.569	ng		97
12) 1,3-Dichlorobenzene	6.80	146	740211	40.410	ng		98
13) 1,4-Dichlorobenzene	6.87	146	744208	40.318	ng		98
14) 1,2-Dichlorobenzene	7.03	146	680368	40.345	ng		98
15) Benzyl Alcohol	7.00	79	580035	41.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1247442	39.846	ng		87
17) 2-Methylphenol	7.12	107	541494	40.395	ng	#	92
18) Hexachloroethane	7.37	117	282996	40.845	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	462466	40.357	ng		99
20) 3+4-Methylphenols	7.27	107	671522	43.358	ng	#	65
22) Acetophenone	7.26	105	901052	41.458	ng	#	91
24) Nitrobenzene	7.44	77	741352	41.637	ng		98
25) Isophorone	7.67	82	1292820	39.875	ng		99
26) 2-Nitrophenol	7.76	139	372919	43.169	ng		99
27) 2,4-Dimethylphenol	7.80	122	536392	39.535	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	873036	41.501	ng		99
29) 2,4-Dichlorophenol	8.00	162	552958	40.930	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	611177	39.783	ng		98
31) Naphthalene	8.16	128	1877563	40.970	ng		99
32) Benzoic acid	7.93	122	284344	32.114	ng		99
33) 4-Chloroaniline	8.21	127	881973	42.233	ng		99
34) Hexachlorobutadiene	8.27	225	348139	39.828	ng		97
35) Caprolactam	8.59	113	202018	45.858	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	577262	42.449	ng		97
37) 2-Methylnaphthalene	8.85	142	1223322	41.374	ng		99
38) 1-Methylnaphthalene	8.95	142	1162722	41.758	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	562591	40.668	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	212943	35.579 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	382432	40.192 ng		99
44) 2,4,5-Trichlorophenol	9.18	196	400096	41.001 ng		96
46) 1,1'-Biphenyl	9.32	154	1479772	40.110 ng		100
47) 2-Chloronaphthalene	9.34	162	1187049	39.980 ng		99
48) 2-Nitroaniline	9.44	65	451817	42.908 ng		97
49) Acenaphthylene	9.76	152	1817636	40.250 ng		99
50) Dimethylphthalate	9.61	163	1363260	40.665 ng		99
51) 2,6-Dinitrotoluene	9.68	165	306524	41.224 ng	#	86
52) Acenaphthene	9.93	154	1080266	38.983 ng		99
53) 3-Nitroaniline	9.85	138	392020	42.472 ng		98
54) 2,4-Dinitrophenol	9.96	184	127709	38.022 ng		97
55) Dibenzofuran	10.10	168	1568399	38.598 ng		98
56) 4-Nitrophenol	10.03	139	241384	36.980 ng		90
57) 2,4-Dinitrotoluene	10.09	165	398364	39.472 ng		94
58) Fluorene	10.44	166	1248891	39.791 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	311239	36.965 ng		100
60) Diethylphthalate	10.31	149	1318198	38.699 ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	607271	39.394 ng		98
62) 4-Nitroaniline	10.47	138	405402	41.797 ng		94
63) Azobenzene	10.59	77	1306877	39.637 ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	180060	41.954 ng		100
66) n-Nitrosodiphenylamine	10.55	169	1105875	40.795 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	391793	39.839 ng		96
68) Hexachlorobenzene	11.00	284	434987	39.983 ng		93
69) Atrazine	11.07	200	339476	40.242 ng		99
70) Pentachlorophenol	11.19	266	207326	40.201 ng		100
71) Phenanthrene	11.40	178	1782880	41.029 ng		99
72) Anthracene	11.46	178	1800555	41.254 ng		99
73) Carbazole	11.61	167	1750836	42.067 ng		99
74) Di-n-butylphthalate	11.93	149	2005061	41.815 ng		100
75) Fluoranthene	12.59	202	1905297	40.716 ng		97
77) Benzidine	12.71	184	891691	31.755 ng		97
78) Pyrene	12.82	202	1948707	38.724 ng		99
80) Butylbenzylphthalate	13.43	149	877813	41.443 ng		95
81) Benzo(a)anthracene	14.02	228	1680261	41.528 ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	665003	42.368 ng		99
83) Chrysene	14.06	228	1623916	40.943 ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1168215	42.170 ng		99
85) Di-n-octyl phthalate	14.62	149	1945519	43.323 ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1447333	41.289 ng		99
88) Benzo(b)fluoranthene	15.09	252	1691377	42.273 ng		99
89) Benzo(k)fluoranthene	15.12	252	1483082	40.352 ng		100
90) Benzo(a)pyrene	15.46	252	1481293	42.067 ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1181114	40.366 ng		98
92) Benzo(g,h,i)perylene	17.46	276	1165799	39.757 ng		97

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

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