Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
Data File : BF112416.D
Acq On : 6 Feb 2019 13:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 06 13:59:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174133	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	671760	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	340202	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	661628	20.00	ng		0.00
76) Chrysene-d12	14.01	240	514656	20.00	ng		0.00
87) Perylene-d12	15.47	264	405493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	757118	92.35	ng		-0.01
7) Phenol-d6	6.49	99	917745	80.56	ng		0.00
23) Nitrobenzene-d5	7.40	82	885086	75.92	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	312020	78.80	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1760119	73.17	ng		-0.01
79) Terphenyl-d14	12.94	244	2027673	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	156772	48.004	ng		95
3) Pyridine	3.34	79	401311	48.308	ng		98
4) n-Nitrosodimethylamine	3.30	42	165174	47.325	ng		97
6) Aniline	6.50	93	550329	40.611	ng	#	63
8) 2-Chlorophenol	6.63	128	436028	39.536	ng		96
9) Benzaldehyde	6.39	77	234289	39.349	ng		99
10) Phenol	6.50	94	500905	40.079	ng		89
11) bis(2-Chloroethyl)ether	6.57	93	388157	39.449	ng		98
12) 1,3-Dichlorobenzene	6.77	146	496918	38.689	ng		98
13) 1,4-Dichlorobenzene	6.85	146	501446	37.935	ng		98
14) 1,2-Dichlorobenzene	7.01	146	472752	38.199	ng		98
15) Benzyl Alcohol	6.99	79	360162	37.506	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	484839	38.377	ng		58
17) 2-Methylphenol	7.10	107	329969	37.743	ng	#	91
18) Hexachloroethane	7.35	117	178488	38.453	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	298226	37.966	ng		99
20) 3+4-Methylphenols	7.26	107	433351	38.762	ng	#	69
22) Acetophenone	7.25	105	614637	37.575	ng		96
24) Nitrobenzene	7.42	77	437659	37.588	ng		97
25) Isophorone	7.66	82	699937	38.269	ng		99
26) 2-Nitrophenol	7.74	139	247327	39.748	ng		98
27) 2,4-Dimethylphenol	7.78	122	328858	38.360	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	479274	38.485	ng		98
29) 2,4-Dichlorophenol	7.99	162	381228	39.737	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	425462	38.581	ng		99
31) Naphthalene	8.14	128	1184969	37.721	ng		99
32) Benzoic acid	7.93	122	168508	34.458	ng		98
33) 4-Chloroaniline	8.19	127	527792	38.585	ng		99
34) Hexachlorobutadiene	8.26	225	247896	38.307	ng		98
35) Caprolactam	8.57	113	128698	38.026	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	383640	37.774	ng		99
37) 2-Methylnaphthalene	8.83	142	805556	37.458	ng		98
38) 1-Methylnaphthalene	8.93	142	775122	37.604	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	419930	37.594	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	137561	38.138	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	262604	38.140	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	273581	38.018	ng		98
46) 1,1'-Biphenyl	9.30	154	1110997	37.355	ng		98
47) 2-Chloronaphthalene	9.32	162	858016	37.202	ng		96
48) 2-Nitroaniline	9.42	65	242451	38.569	ng		90
49) Acenaphthylene	9.74	152	1259283	37.252	ng		98
50) Dimethylphthalate	9.59	163	993608	37.591	ng		99
51) 2,6-Dinitrotoluene	9.66	165	223538	37.761	ng	#	87
52) Acenaphthene	9.91	154	749603	37.120	ng		99
53) 3-Nitroaniline	9.83	138	250676	39.087	ng		91
54) 2,4-Dinitrophenol	9.96	184	67721	35.646	ng		93
55) Dibenzofuran	10.08	168	1134109	36.751	ng		94
56) 4-Nitrophenol	10.02	139	118477	34.942	ng		95
57) 2,4-Dinitrotoluene	10.07	165	290348	38.527	ng	#	84
58) Fluorene	10.42	166	878701	38.050	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	215877	39.697	ng		95
60) Diethylphthalate	10.29	149	991766	37.809	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	466513	37.137	ng		92
62) 4-Nitroaniline	10.45	138	250174	39.770	ng		95
63) Azobenzene	10.57	77	882707	38.263	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	136696	36.850	ng		97
66) n-Nitrosodiphenylamine	10.53	169	849143	38.080	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	293747	37.748	ng		95
68) Hexachlorobenzene	10.98	284	314624	37.685	ng		98
69) Atrazine	11.06	200	258254	35.893	ng		96
70) Pentachlorophenol	11.18	266	129004	39.711	ng		97
71) Phenanthrene	11.39	178	1279370	37.194	ng		98
72) Anthracene	11.44	178	1307846	38.170	ng		99
73) Carbazole	11.60	167	1297146	38.379	ng		99
74) Di-n-butylphthalate	11.92	149	1542796	36.775	ng		99
75) Fluoranthene	12.57	202	1349994	36.592	ng		99
77) Benzidine	12.69	184	540493	38.157	ng		98
78) Pyrene	12.80	202	1369067	38.423	ng		99
80) Butylbenzylphthalate	13.41	149	639937	37.121	ng		92
81) Benzo(a)anthracene	14.00	228	1158553	38.294	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	432165	38.169	ng		98
83) Chrysene	14.03	228	1081537	37.450	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	882674	36.070	ng		98
85) Di-n-octyl phthalate	14.58	149	1297560	34.464	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	785770	34.338	ng		98
88) Benzo(b)fluoranthene	15.04	252	971092	40.044	ng		99
89) Benzo(k)fluoranthene	15.07	252	865025	37.240	ng		99
90) Benzo(a)pyrene	15.42	252	826655	37.885	ng		100
91) Dibenzo(a,h)anthracene	16.96	278	662127	37.651	ng		98
92) Benzo(g,h,i)perylene	17.40	276	628661	37.891	ng		97

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

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