Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115043.D
Acq On : 14 Jun 2019 16:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 05:18:32 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 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	332878	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1349361	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	647619	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1272051	20.00	ng		0.00
76) Chrysene-d12	13.78	240	723144	20.00	ng		0.00
87) Perylene-d12	15.15	264	757703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1622498	81.39	ng		0.00
7) Phenol-d6	6.30	99	1978086	82.26	ng		0.00
23) Nitrobenzene-d5	7.22	82	1825380	81.43	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	572681	82.58	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	3031326	79.33	ng		0.00
79) Terphenyl-d14	12.73	244	3008805	78.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	389650	41.757	ng		100
3) Pyridine	2.94	79	1030091	39.209	ng		97
4) n-Nitrosodimethylamine	2.89	42	391972	42.024	ng		97
6) Aniline	6.32	93	1302399	40.441	ng	#	76
8) 2-Chlorophenol	6.44	128	935251	41.374	ng		99
9) Benzaldehyde	6.19	77	576097	42.972	ng		99
10) Phenol	6.32	94	1082962	40.251	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	870513	41.686	ng		100
12) 1,3-Dichlorobenzene	6.59	146	1082905	41.014	ng		99
13) 1,4-Dichlorobenzene	6.67	146	1087341	40.963	ng		99
14) 1,2-Dichlorobenzene	6.82	146	979094	39.178	ng		99
15) Benzyl Alcohol	6.80	79	628834	34.901	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1128354	40.371	ng		96
17) 2-Methylphenol	6.92	107	782528	41.503	ng		98
18) Hexachloroethane	7.16	117	394109	41.112	ng		99
19) n-Nitroso-di-n-propylamine	7.08	70	594812	40.710	ng		97
20) 3+4-Methylphenols	7.07	107	923773m	41.167	ng		
22) Acetophenone	7.07	105	1272234	41.651	ng	#	98
24) Nitrobenzene	7.24	77	951992	41.738	ng		96
25) Isophorone	7.48	82	1725544	41.098	ng		100
26) 2-Nitrophenol	7.55	139	539947	42.471	ng		99
27) 2,4-Dimethylphenol	7.60	122	743292	40.528	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	1107148	41.100	ng		100
29) 2,4-Dichlorophenol	7.80	162	830676	42.874	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	915909	40.912	ng		99
31) Naphthalene	7.96	128	2550745	39.953	ng		99
32) Benzoic acid	7.76	122	512705	38.637	ng		98
33) 4-Chloroaniline	8.00	127	1206523	40.940	ng		100
34) Hexachlorobutadiene	8.08	225	507711	40.801	ng		99
35) Caprolactam	8.40	113	285555	44.252	ng		96
36) 4-Chloro-3-methylphenol	8.50	107	850673	43.569	ng		97
37) 2-Methylnaphthalene	8.65	142	1717610	40.336	ng		99
38) 1-Methylnaphthalene	8.75	142	1626706	40.419	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	778982	40.714	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	367177	38.945	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	569565	39.856	ng		98
44) 2,4,5-Trichlorophenol	8.97	196	616338	42.677	ng		99
46) 1,1'-Biphenyl	9.11	154	2013582	38.800	ng		100
47) 2-Chloronaphthalene	9.13	162	1730003	41.224	ng		100
48) 2-Nitroaniline	9.23	65	531092	42.816	ng		100
49) Acenaphthylene	9.55	152	2499273	38.734	ng		100
50) Dimethylphthalate	9.42	163	2031459	41.711	ng		99
51) 2,6-Dinitrotoluene	9.47	165	473028	42.817	ng		94
52) Acenaphthene	9.72	154	1503832	40.737	ng		100
53) 3-Nitroaniline	9.64	138	579426	42.807	ng		97
54) 2,4-Dinitrophenol	9.75	184	227778	42.506	ng		96
55) Dibenzofuran	9.89	168	2137778	38.424	ng		98
56) 4-Nitrophenol	9.81	139	392124	42.009	ng		95
57) 2,4-Dinitrotoluene	9.87	165	597284	42.476	ng		92
58) Fluorene	10.23	166	1547889	40.975	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	497787	42.671	ng		99
60) Diethylphthalate	10.11	149	1909923	41.013	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	757356	40.434	ng		100
62) 4-Nitroaniline	10.26	138	606253	44.546	ng		100
63) Azobenzene	10.38	77	1663090	40.822	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	302823	42.474	ng		87
66) n-Nitrosodiphenylamine	10.34	169	1557129	40.951	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	553981	40.561	ng	#	92
68) Hexachlorobenzene	10.77	284	620925	41.294	ng		96
69) Atrazine	10.87	200	462830	37.753	ng		100
70) Pentachlorophenol	10.97	266	355880	43.580	ng		99
71) Phenanthrene	11.18	178	2543643	38.729	ng		99
72) Anthracene	11.23	178	2560344	38.642	ng		99
73) Carbazole	11.39	167	2403387	41.558	ng		100
74) Di-n-butylphthalate	11.73	149	2785388	38.204	ng		99
75) Fluoranthene	12.36	202	2628964	39.146	ng		98
77) Benzidine	12.48	184	1116980	38.188	ng		98
78) Pyrene	12.59	202	2665531	40.462	ng		99
80) Butylbenzylphthalate	13.21	149	1266293	41.154	ng		94
81) Benzo(a)anthracene	13.77	228	2230443	41.217	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	913366	44.025	ng	#	98
83) Chrysene	13.81	228	2234677	41.528	ng		100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1387498	38.153	ng		100
85) Di-n-octyl phthalate	14.38	149	2444507	39.034	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1906958	40.343	ng		100
88) Benzo(b)fluoranthene	14.77	252	2148275	42.650	ng		100
89) Benzo(k)fluoranthene	14.80	252	1820301	41.173	ng		100
90) Benzo(a)pyrene	15.10	252	1818213	41.833	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1530259	40.883	ng		100
92) Benzo(g,h,i)perylene	16.85	276	1562744	40.938	ng		99

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

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