Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113612.D
Acq On : 5 Apr 2019 9:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 13:53:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	135691	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	529425	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	262041	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	514843	20.00	ng		0.00
76) Chrysene-d12	13.83	240	367435	20.00	ng		-0.01
87) Perylene-d12	15.24	264	292506	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	648471	81.49	ng		0.00
7) Phenol-d6	6.34	99	789080	80.46	ng		0.00
23) Nitrobenzene-d5	7.26	82	729220	80.68	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	257594	81.83	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1342527	82.48	ng		0.00
79) Terphenyl-d14	12.78	244	1461521	80.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	145154	38.515	ng		98
3) Pyridine	3.03	79	379067	38.433	ng		97
4) n-Nitrosodimethylamine	2.98	42	164703	39.303	ng		93
6) Aniline	6.35	93	492280	41.410	ng		90
8) 2-Chlorophenol	6.48	128	379470	41.217	ng		93
9) Benzaldehyde	6.23	77	243698	41.790	ng		100
10) Phenol	6.36	94	462240	41.267	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	347285	39.857	ng		99
12) 1,3-Dichlorobenzene	6.63	146	401090	40.454	ng		99
13) 1,4-Dichlorobenzene	6.70	146	405109	40.434	ng		99
14) 1,2-Dichlorobenzene	6.86	146	367697	40.658	ng		98
15) Benzyl Alcohol	6.84	79	283978	42.823	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	530089	39.085	ng		84
17) 2-Methylphenol	6.96	107	287464	40.291	ng		97
18) Hexachloroethane	7.19	117	144194	39.540	ng		98
19) n-Nitroso-di-n-propylamine	7.11	70	243958	40.339	ng		99
20) 3+4-Methylphenols	7.12	107	365222	42.247	ng		94
22) Acetophenone	7.10	105	475608	40.902	ng	#	97
24) Nitrobenzene	7.27	77	377005	40.503	ng		97
25) Isophorone	7.52	82	692547	39.776	ng		99
26) 2-Nitrophenol	7.59	139	206840	41.289	ng		92
27) 2,4-Dimethylphenol	7.64	122	287930	40.204	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	441802	40.135	ng		99
29) 2,4-Dichlorophenol	7.84	162	319698	41.721	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	338243	40.648	ng		98
31) Naphthalene	7.99	128	1053637	41.075	ng		99
32) Benzoic acid	7.79	122	186102	33.558	ng		99
33) 4-Chloroaniline	8.05	127	436267	42.891	ng		100
34) Hexachlorobutadiene	8.11	225	207694	40.939	ng		99
35) Caprolactam	8.43	113	102417	42.105	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	319360	41.518	ng		99
37) 2-Methylnaphthalene	8.68	142	691006	40.958	ng		99
38) 1-Methylnaphthalene	8.78	142	665310	40.896	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	339479	40.058	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	73573	34.032	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	212343	39.695	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	231758	40.354	ng		95
46) 1,1'-Biphenyl	9.15	154	859797	39.763	ng		99
47) 2-Chloronaphthalene	9.17	162	660198	40.325	ng		97
48) 2-Nitroaniline	9.27	65	203450	40.612	ng		94
49) Acenaphthylene	9.59	152	1075784	40.409	ng		99
50) Dimethylphthalate	9.45	163	759463	39.318	ng		99
51) 2,6-Dinitrotoluene	9.52	165	171651	40.315	ng		98
52) Acenaphthene	9.76	154	606617	39.806	ng		99
53) 3-Nitroaniline	9.69	138	198634	41.033	ng		96
54) 2,4-Dinitrophenol	9.81	184	75401	37.852	ng	#	89
55) Dibenzofuran	9.93	168	889311	39.782	ng		99
56) 4-Nitrophenol	9.87	139	111802	37.231	ng		92
57) 2,4-Dinitrotoluene	9.93	165	207824	40.358	ng	#	90
58) Fluorene	10.27	166	717226	40.565	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	194194	39.064	ng		97
60) Diethylphthalate	10.15	149	744142	39.958	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	356159	40.954	ng		97
62) 4-Nitroaniline	10.30	138	206048	41.858	ng		98
63) Azobenzene	10.42	77	697587	39.561	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	101403	37.412	ng		95
66) n-Nitrosodiphenylamine	10.38	169	638589	40.403	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	233609	40.458	ng		98
68) Hexachlorobenzene	10.82	284	269467	40.728	ng	#	93
69) Atrazine	10.91	200	199510	40.048	ng		96
70) Pentachlorophenol	11.02	266	110059	35.302	ng		99
71) Phenanthrene	11.23	178	1027225	40.153	ng		99
72) Anthracene	11.28	178	1060908	40.759	ng		99
73) Carbazole	11.43	167	1016197	41.743	ng		99
74) Di-n-butylphthalate	11.76	149	1173522	40.523	ng		99
75) Fluoranthene	12.41	202	1132529	41.312	ng		99
77) Benzidine	12.53	184	562178	41.144	ng		99
78) Pyrene	12.64	202	1118407	40.004	ng		100
80) Butylbenzylphthalate	13.25	149	467023	41.037	ng		98
81) Benzo(a)anthracene	13.83	228	873319	41.203	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	339908	41.636	ng		99
83) Chrysene	13.86	228	838007	39.002	ng		100
84) Bis(2-ethylhexyl)phthalate	13.81	149	579381	42.107	ng		99
85) Di-n-octyl phthalate	14.42	149	877102	39.216	ng		99
86) Indeno(1,2,3-cd)pyrene	16.61	276	742119	37.409	ng		99
88) Benzo(b)fluoranthene	14.84	252	739330	41.292	ng		100
89) Benzo(k)fluoranthene	14.87	252	625349	38.916	ng		99
90) Benzo(a)pyrene	15.19	252	637638	40.077	ng		98
91) Dibenzo(a,h)anthracene	16.61	278	613307	41.221	ng		100
92) Benzo(g,h,i)perylene	17.02	276	627855	41.343	ng		100

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

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