Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113412.D
Acq On : 29 Mar 2019 14:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 01:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	187133	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	730972	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	348541	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	674681	20.00	ng	0.00
76) Chrysene-d12	13.84	240	459053	20.00	ng	0.00
87) Perylene-d12	15.24	264	377662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	838006	73.22	ng	0.00
7) Phenol-d6	6.36	99	1037179	71.64	ng	0.00
23) Nitrobenzene-d5	7.27	82	946738	76.87	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	318067	73.88	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1676442	72.87	ng	0.00
79) Terphenyl-d14	12.79	244	1729308	83.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	202388	34.855	ng	98
3) Pyridine	3.07	79	545860	38.133	ng	97
4) n-Nitrosodimethylamine	3.01	42	216735	34.058	ng	93
6) Aniline	6.37	93	640835	36.347	ng	100
8) 2-Chlorophenol	6.49	128	490828	36.932	ng	98
9) Benzaldehyde	6.25	77	348650	35.886	ng	99
10) Phenol	6.37	94	586396	35.477	ng	98
11) bis(2-Chloroethyl)ether	6.45	93	463761	36.603	ng	98
12) 1,3-Dichlorobenzene	6.65	146	521279	36.387	ng	98
13) 1,4-Dichlorobenzene	6.72	146	525293	37.976	ng	99
14) 1,2-Dichlorobenzene	6.87	146	480284	35.294	ng	99
15) Benzyl Alcohol	6.86	79	355561	37.226	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	713089	37.465	ng	97
17) 2-Methylphenol	6.97	107	379891	36.474	ng	98
18) Hexachloroethane	7.22	117	188789	38.000	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	307354	33.797	ng	99
20) 3+4-Methylphenols	7.13	107	457875	36.931	ng	98
22) Acetophenone	7.12	105	610546	36.625	ng	98
24) Nitrobenzene	7.29	77	500418	38.939	ng	100
25) Isophorone	7.53	82	888183	37.214	ng	100
26) 2-Nitrophenol	7.60	139	269689	39.701	ng	97
27) 2,4-Dimethylphenol	7.65	122	379243	38.811	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	581623	38.698	ng	100
29) 2,4-Dichlorophenol	7.86	162	404817	38.229	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	434666	38.046	ng	97
31) Naphthalene	8.01	128	1338827	37.480	ng	99
32) Benzoic acid	7.80	122	263911m	33.552	ng	
33) 4-Chloroaniline	8.06	127	558208	40.074	ng	98
34) Hexachlorobutadiene	8.13	225	261959	38.579	ng	99
35) Caprolactam	8.45	113	130080	38.275	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	411610	38.646	ng	97
37) 2-Methylnaphthalene	8.70	142	881966	39.570	ng	100
38) 1-Methylnaphthalene	8.80	142	837569	39.068	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	419253	37.473	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	198086	41.829	ng		99
43) 2,4,6-Trichlorophenol	8.99	196	270812	37.171	ng		100
44) 2,4,5-Trichlorophenol	9.03	196	297016	36.837	ng		99
46) 1,1'-Biphenyl	9.16	154	1077087	37.001	ng		100
47) 2-Chloronaphthalene	9.19	162	821908	36.671	ng		100
48) 2-Nitroaniline	9.29	65	261909	37.236	ng		99
49) Acenaphthylene	9.60	152	1360304	37.536	ng		100
50) Dimethylphthalate	9.46	163	950936	36.816	ng		99
51) 2,6-Dinitrotoluene	9.53	165	214779	36.859	ng		99
52) Acenaphthene	9.77	154	763397	37.405	ng		98
53) 3-Nitroaniline	9.70	138	247697	37.694	ng		94
54) 2,4-Dinitrophenol	9.81	184	109059	37.630	ng		92
55) Dibenzofuran	9.95	168	1127127	36.737	ng		98
56) 4-Nitrophenol	9.87	139	184369	39.354	ng		89
57) 2,4-Dinitrotoluene	9.93	165	267551	36.105	ng		95
58) Fluorene	10.29	166	867176	36.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	254095	37.266	ng		99
60) Diethylphthalate	10.16	149	914985	36.110	ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	429208	36.948	ng		96
62) 4-Nitroaniline	10.31	138	256056	37.846	ng		98
63) Azobenzene	10.43	77	883390	37.036	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	130845	35.452	ng		94
66) n-Nitrosodiphenylamine	10.40	169	774220	37.397	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	285942	38.885	ng		96
68) Hexachlorobenzene	10.83	284	325680	38.156	ng	#	93
69) Atrazine	10.92	200	252259	38.604	ng		97
70) Pentachlorophenol	11.03	266	169866	38.198	ng		100
71) Phenanthrene	11.24	178	1262473	37.680	ng		100
72) Anthracene	11.29	178	1290192	37.911	ng		99
73) Carbazole	11.45	167	1240858	38.211	ng		100
74) Di-n-butylphthalate	11.78	149	1415048	37.576	ng		99
75) Fluoranthene	12.42	202	1365809	36.059	ng		98
77) Benzidine	12.54	184	983734	55.960	ng		99
78) Pyrene	12.65	202	1356036	42.628	ng		100
80) Butylbenzylphthalate	13.26	149	543253	38.750	ng		97
81) Benzo(a)anthracene	13.83	228	985959	37.522	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	407121	38.621	ng		99
83) Chrysene	13.87	228	1008377	37.781	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	631655	36.753	ng	#	98
85) Di-n-octyl phthalate	14.43	149	1007312	34.529	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	935184	40.827	ng		98
88) Benzo(b)fluoranthene	14.85	252	853542	36.382	ng		99
89) Benzo(k)fluoranthene	14.87	252	760688m	36.922	ng		
90) Benzo(a)pyrene	15.19	252	761795	36.628	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	769152	42.770	ng		100
92) Benzo(g,h,i)perylene	17.01	276	808112	44.567	ng		98

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

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