Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114900.D
Acq On : 7 Jun 2019 19:06
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 08 06:00:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	300757	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1214537	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	600513	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1167924	20.00	ng		0.00
76) Chrysene-d12	13.79	240	731902	20.00	ng		0.00
87) Perylene-d12	15.16	264	826395	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1599755	92.94	ng		0.00
7) Phenol-d6	6.30	99	1965688	93.86	ng		0.00
23) Nitrobenzene-d5	7.23	82	1796872	91.07	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	579065	89.48	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3046147	95.02	ng		0.00
79) Terphenyl-d14	12.74	244	3037949	80.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	378550	46.064	ng		99
3) Pyridine	2.96	79	1008080	44.635	ng		99
4) n-Nitrosodimethylamine	2.90	42	377386	45.657	ng		94
6) Aniline	6.33	93	1348798	45.386	ng		93
8) 2-Chlorophenol	6.45	128	915245	46.022	ng		99
9) Benzaldehyde	6.20	77	598745	41.214	ng		99
10) Phenol	6.32	94	1087338	45.399	ng		99
11) bis(2-Chloroethyl)ether	6.40	93	852543	45.610	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1055392	45.543	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1060803	45.494	ng		99
14) 1,2-Dichlorobenzene	6.83	146	978534	46.467	ng		99
15) Benzyl Alcohol	6.81	79	730532	46.125	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1189823	44.508	ng		99
17) 2-Methylphenol	6.93	107	765254	45.018	ng		99
18) Hexachloroethane	7.17	117	388244	44.237	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	591047	42.632	ng		99
20) 3+4-Methylphenols	7.08	107	860414	45.890	ng		99
22) Acetophenone	7.07	105	1175960	43.978	ng	#	99
24) Nitrobenzene	7.25	77	933257	45.659	ng		99
25) Isophorone	7.49	82	1666745	42.732	ng		98
26) 2-Nitrophenol	7.56	139	527205	47.623	ng		92
27) 2,4-Dimethylphenol	7.60	122	742440	44.125	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	1089613	43.701	ng		99
29) 2,4-Dichlorophenol	7.80	162	797047	45.025	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	906771	44.643	ng		98
31) Naphthalene	7.96	128	2534235	46.348	ng		99
32) Benzoic acid	7.74	122	567365	46.297	ng		99
33) 4-Chloroaniline	8.02	127	1191251	45.668	ng		98
34) Hexachlorobutadiene	8.09	225	494705	42.839	ng		99
35) Caprolactam	8.40	113	274290	47.432	ng		99
36) 4-Chloro-3-methylphenol	8.50	107	806621	45.792	ng		96
37) 2-Methylnaphthalene	8.65	142	1702637	44.894	ng		99
38) 1-Methylnaphthalene	8.75	142	1624989	45.180	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	769775	44.481	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	429305	40.902 ng	99
43) 2,4,6-Trichlorophenol	8.93	196	593893	44.133 ng	99
44) 2,4,5-Trichlorophenol	8.97	196	606240	44.733 ng	99
46) 1,1'-Biphenyl	9.12	154	2038393	45.799 ng	98
47) 2-Chloronaphthalene	9.14	162	1710022	45.216 ng	100
48) 2-Nitroaniline	9.23	65	524423	46.467 ng	100
49) Acenaphthylene	9.55	152	2519364	45.937 ng	99
50) Dimethylphthalate	9.42	163	1947214	44.397 ng	99
51) 2,6-Dinitrotoluene	9.48	165	468170	45.389 ng	92
52) Acenaphthene	9.72	154	1664349	46.327 ng	100
53) 3-Nitroaniline	9.65	138	577825	47.954 ng	99
54) 2,4-Dinitrophenol	9.75	184	252423	54.081 ng	95
55) Dibenzofuran	9.89	168	2217234	44.383 ng	98
56) 4-Nitrophenol	9.80	139	429383	48.631 ng	97
57) 2,4-Dinitrotoluene	9.88	165	618118	47.669 ng	99
58) Fluorene	10.23	166	1571332	50.125 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	495331	44.612 ng	100
60) Diethylphthalate	10.12	149	1932988	43.921 ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	801978	41.914 ng	100
62) 4-Nitroaniline	10.26	138	582873	49.873 ng	95
63) Azobenzene	10.39	77	1703228	45.465 ng	96
65) 4,6-Dinitro-2-methylphenol	10.29	198	311924	51.415 ng	96
66) n-Nitrosodiphenylamine	10.35	169	1550522	43.905 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	561247	42.311 ng	97
68) Hexachlorobenzene	10.79	284	622013	42.847 ng	97
69) Atrazine	10.87	200	460411	37.485 ng	99
70) Pentachlorophenol	10.97	266	384468	45.812 ng	100
71) Phenanthrene	11.19	178	2529671	45.371 ng	100
72) Anthracene	11.24	178	2574901	43.883 ng	99
73) Carbazole	11.39	167	2402943	47.772 ng	100
74) Di-n-butylphthalate	11.73	149	2796591	42.271 ng	99
75) Fluoranthene	12.37	202	2622338	45.189 ng	98
77) Benzidine	12.49	184	1319212	36.409 ng	99
78) Pyrene	12.59	202	2682649	42.251 ng	99
80) Butylbenzylphthalate	13.22	149	1267854	39.543 ng	96
81) Benzo(a)anthracene	13.77	228	2411117	42.750 ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	994024	43.464 ng	100
83) Chrysene	13.81	228	2355473	42.931 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1510150	37.248 ng	99
85) Di-n-octyl phthalate	14.39	149	2728211	39.603 ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1963894	31.371 ng	99
88) Benzo(b)fluoranthene	14.78	252	2510367	47.717 ng	99
89) Benzo(k)fluoranthene	14.81	252	1978522	44.285 ng	99
90) Benzo(a)pyrene	15.11	252	2088972	45.876 ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1599462	37.091 ng	100
92) Benzo(g,h,i)perylene	16.86	276	1575862	36.339 ng	98

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

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