Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
Data File : BF114428.D
Acq On : 20 May 2019 10:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 20 10:49:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	216314	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	862543	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	402391	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	801458	20.00	ng		0.00
76) Chrysene-d12	14.00	240	571463	20.00	ng		0.00
87) Perylene-d12	15.49	264	569671	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1035632	77.05	ng		0.00
7) Phenol-d6	6.48	99	1300426	81.80	ng		0.00
23) Nitrobenzene-d5	7.40	82	1236907	80.48	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	308031	74.05	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2048609	77.01	ng		0.00
79) Terphenyl-d14	12.94	244	2069497	74.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	254932	34.505	ng		99
3) Pyridine	3.35	79	729959	35.859	ng		97
4) n-Nitrosodimethylamine	3.30	42	348498	35.501	ng		96
6) Aniline	6.50	93	905490	39.429	ng	#	83
8) 2-Chlorophenol	6.62	128	594852	41.453	ng		97
9) Benzaldehyde	6.38	77	372704	33.487	ng		98
10) Phenol	6.49	94	744610	39.814	ng		79
11) bis(2-Chloroethyl)ether	6.57	93	589722	41.535	ng		98
12) 1,3-Dichlorobenzene	6.77	146	653240	40.554	ng		100
13) 1,4-Dichlorobenzene	6.85	146	659134	40.608	ng		99
14) 1,2-Dichlorobenzene	7.00	146	606254	40.882	ng		99
15) Benzyl Alcohol	6.98	79	479944	38.707	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1072428	38.955	ng		76
17) 2-Methylphenol	7.09	107	480286	40.744	ng		97
18) Hexachloroethane	7.34	117	245432	40.283	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	395095	39.208	ng		99
20) 3+4-Methylphenols	7.25	107	580538	42.626	ng	#	71
22) Acetophenone	7.24	105	779707	40.805	ng	#	91
24) Nitrobenzene	7.42	77	630546	40.280	ng		97
25) Isophorone	7.66	82	1121949	39.360	ng		99
26) 2-Nitrophenol	7.73	139	314121	41.360	ng		99
27) 2,4-Dimethylphenol	7.77	122	468973	39.316	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	739312	39.974	ng		99
29) 2,4-Dichlorophenol	7.98	162	480805	40.480	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	534752	39.592	ng		99
31) Naphthalene	8.13	128	1660632	41.216	ng		99
32) Benzoic acid	7.92	122	333128	40.459	ng		98
33) 4-Chloroaniline	8.19	127	761629	41.483	ng		98
34) Hexachlorobutadiene	8.25	225	308902	40.196	ng		98
35) Caprolactam	8.56	113	170101	43.920	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	509098	42.581	ng		99
37) 2-Methylnaphthalene	8.83	142	1075434	41.370	ng		97
38) 1-Methylnaphthalene	8.93	142	1016772	41.534	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	495650	40.663	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	189074	35.819	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	331758	39.570	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	340735	39.628	ng		98
46) 1,1'-Biphenyl	9.29	154	1301877	40.048	ng		98
47) 2-Chloronaphthalene	9.32	162	1043701	39.894	ng		100
48) 2-Nitroaniline	9.42	65	381199	41.085	ng		98
49) Acenaphthylene	9.73	152	1589791	39.954	ng		99
50) Dimethylphthalate	9.59	163	1186115	40.154	ng		99
51) 2,6-Dinitrotoluene	9.66	165	264540	40.377	ng		97
52) Acenaphthene	9.90	154	945939	38.741	ng		99
53) 3-Nitroaniline	9.83	138	339111	41.696	ng		98
54) 2,4-Dinitrophenol	9.95	184	103952	35.638	ng		99
55) Dibenzofuran	10.07	168	1357443	37.913	ng		99
56) 4-Nitrophenol	10.01	139	216777	37.690	ng		90
57) 2,4-Dinitrotoluene	10.07	165	339138	38.137	ng	#	91
58) Fluorene	10.42	166	1105776	39.984	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	283083	38.157	ng		98
60) Diethylphthalate	10.29	149	1167338	38.893	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	542977	39.974	ng		98
62) 4-Nitroaniline	10.45	138	353308	41.340	ng		99
63) Azobenzene	10.57	77	1138128	39.176	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	160277	41.618	ng		85
66) n-Nitrosodiphenylamine	10.53	169	980861	40.324	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	343286	38.902	ng		97
68) Hexachlorobenzene	10.97	284	379159	38.840	ng		93
69) Atrazine	11.05	200	296516	39.172	ng		99
70) Pentachlorophenol	11.17	266	159092	34.378	ng		99
71) Phenanthrene	11.38	178	1581367	40.556	ng		99
72) Anthracene	11.43	178	1601077	40.881	ng		99
73) Carbazole	11.59	167	1553886	41.607	ng		100
74) Di-n-butylphthalate	11.91	149	1774559	41.244	ng		100
75) Fluoranthene	12.57	202	1725878	41.103	ng		98
77) Benzidine	12.69	184	857042	33.410	ng		97
78) Pyrene	12.80	202	1746582	37.993	ng		99
80) Butylbenzylphthalate	13.40	149	786942	40.669	ng		95
81) Benzo(a)anthracene	13.99	228	1552714	42.008	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	603256	42.072	ng		99
83) Chrysene	14.03	228	1482667	40.920	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1059152	41.852	ng		99
85) Di-n-octyl phthalate	14.59	149	1750918	42.680	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1302772	40.683	ng		99
88) Benzo(b)fluoranthene	15.06	252	1515356	41.521	ng		99
89) Benzo(k)fluoranthene	15.09	252	1331034	39.702	ng		99
90) Benzo(a)pyrene	15.43	252	1315204	40.947	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	1066311	39.952	ng		98
92) Benzo(g,h,i)perylene	17.41	276	1070220	40.012	ng		99

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

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