Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112841.D
Acq On : 5 Mar 2019 2:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 05 03:08:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	133138	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	513250	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	229345	20.00	ng		0.01
64) Phenanthrene-d10	11.26	188	436363	20.00	ng		0.01
76) Chrysene-d12	13.89	240	331411	20.00	ng		0.01
87) Perylene-d12	15.29	264	258832	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	680768	79.54	ng		0.00
7) Phenol-d6	6.38	99	830229	77.22	ng		0.01
23) Nitrobenzene-d5	7.31	82	728708	84.96	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	222711	91.47	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1274845	95.05	ng		0.00
79) Terphenyl-d14	12.84	244	1342635	78.53	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	148548	34.624	ng		99
3) Pyridine	3.10	79	401419	34.972	ng		99
4) n-Nitrosodimethylamine	3.03	42	178163	35.483	ng		100
6) Aniline	6.40	93	547098	36.968	ng		98
8) 2-Chlorophenol	6.53	128	384261	40.331	ng		93
9) Benzaldehyde	6.29	77	275038	35.503	ng		100
10) Phenol	6.39	94	484643	38.629	ng		99
11) bis(2-Chloroethyl)ether	6.48	93	354891	36.853	ng		97
12) 1,3-Dichlorobenzene	6.69	146	402299	40.875	ng		99
13) 1,4-Dichlorobenzene	6.76	146	406647	41.199	ng		98
14) 1,2-Dichlorobenzene	6.92	146	372527	41.171	ng		99
15) Benzyl Alcohol	6.89	79	316156	38.563	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	578637	36.006	ng		98
17) 2-Methylphenol	7.00	107	290124	37.536	ng		96
18) Hexachloroethane	7.26	117	122437	32.383	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	244570	35.917	ng		99
20) 3+4-Methylphenols	7.16	107	343800	39.398	ng	#	86
22) Acetophenone	7.16	105	505144	42.091	ng	#	96
24) Nitrobenzene	7.33	77	383563	40.178	ng		97
25) Isophorone	7.57	82	683633	36.996	ng		99
26) 2-Nitrophenol	7.65	139	171565	43.171	ng		99
27) 2,4-Dimethylphenol	7.69	122	282534	38.215	ng		100
28) bis(2-Chloroethoxy)methane	7.78	93	442406	38.293	ng		99
29) 2,4-Dichlorophenol	7.89	162	298105	41.579	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	321529	41.737	ng		97
31) Naphthalene	8.05	128	1013668	39.780	ng		100
32) Benzoic acid	7.79	122	168587	32.534	ng		92
33) 4-Chloroaniline	8.10	127	439190	40.693	ng		99
34) Hexachlorobutadiene	8.17	225	197064	45.358	ng		98
35) Caprolactam	8.46	113	94728	37.513	ng		96
36) 4-Chloro-3-methylphenol	8.58	107	306859	38.674	ng		95
37) 2-Methylnaphthalene	8.74	142	655854	39.856	ng		99
38) 1-Methylnaphthalene	8.84	142	624112	39.153	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	309841	46.328	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	21091	5.759	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	198863	43.205	ng		97
44) 2,4,5-Trichlorophenol	9.06	196	213444	42.902	ng		99
46) 1,1'-Biphenyl	9.20	154	809071	43.250	ng		97
47) 2-Chloronaphthalene	9.23	162	606657	41.532	ng		98
48) 2-Nitroaniline	9.32	65	203675	45.875	ng		99
49) Acenaphthylene	9.64	152	1000141	40.333	ng		99
50) Dimethylphthalate	9.50	163	719728	42.560	ng		99
51) 2,6-Dinitrotoluene	9.56	165	149767	42.529	ng		90
52) Acenaphthene	9.81	154	552792	38.120	ng		99
53) 3-Nitroaniline	9.73	138	192884	44.951	ng		100
54) 2,4-Dinitrophenol	9.83	184	8520	11.891	ng	#	85
55) Dibenzofuran	9.98	168	849049	40.285	ng		97
56) 4-Nitrophenol	9.89	139	134842	38.666	ng		90
57) 2,4-Dinitrotoluene	9.96	165	186264	42.552	ng	#	83
58) Fluorene	10.32	166	610415	40.806	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	174609	42.125	ng		96
60) Diethylphthalate	10.20	149	712431	39.889	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	307313	44.155	ng		96
62) 4-Nitroaniline	10.33	138	180462	45.512	ng		96
63) Azobenzene	10.47	77	658461	35.994	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	17180	13.274	ng		85
66) n-Nitrosodiphenylamine	10.43	169	569268	40.678	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	200514	43.626	ng		95
68) Hexachlorobenzene	10.87	284	226664	43.748	ng		94
69) Atrazine	10.96	200	174221	40.648	ng		95
70) Pentachlorophenol	11.06	266	126817	41.587	ng		98
71) Phenanthrene	11.28	178	918478	42.305	ng		99
72) Anthracene	11.33	178	919362	40.453	ng		99
73) Carbazole	11.49	167	893295	40.293	ng		99
74) Di-n-butylphthalate	11.82	149	1098224	41.313	ng		100
75) Fluoranthene	12.46	202	1007334	43.307	ng		97
77) Benzidine	12.58	184	625671	36.389	ng		99
78) Pyrene	12.69	202	1031860	36.933	ng		98
80) Butylbenzylphthalate	13.31	149	470992	38.192	ng		96
81) Benzo(a)anthracene	13.87	228	835479	36.374	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	369035	42.481	ng		98
83) Chrysene	13.91	228	847546	37.671	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	583599	40.345	ng		99
85) Di-n-octyl phthalate	14.48	149	1062718	42.785	ng		97
86) Indeno(1,2,3-cd)pyrene	16.66	276	623996	32.532	ng		95
88) Benzo(b)fluoranthene	14.89	252	740522	44.231	ng		98
89) Benzo(k)fluoranthene	14.92	252	597221	39.382	ng		98
90) Benzo(a)pyrene	15.24	252	593712	40.093	ng	#	97
91) Dibenzo(a,h)anthracene	16.67	278	521049	41.234	ng		96
92) Benzo(g,h,i)perylene	17.07	276	502230	39.581	ng		95

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

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