Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112477.D
Acq On : 11 Feb 2019 13:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 11 16:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	170983	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	658642	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	321181	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	596562	20.00	ng		0.00
76) Chrysene-d12	14.01	240	413721	20.00	ng		0.00
87) Perylene-d12	15.47	264	337327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	742768	92.27	ng		-0.01
7) Phenol-d6	6.49	99	912458	81.57	ng		0.00
23) Nitrobenzene-d5	7.40	82	898690	78.62	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	295020	78.91	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1776184	78.22	ng		-0.01
79) Terphenyl-d14	12.94	244	1827398	83.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	151123	47.127	ng		95
3) Pyridine	3.35	79	365889	44.855	ng		97
4) n-Nitrosodimethylamine	3.32	42	162291	47.356	ng	#	89
6) Aniline	6.50	93	549942	41.330	ng	#	65
8) 2-Chlorophenol	6.63	128	441207	40.743	ng		98
9) Benzaldehyde	6.39	77	236299	40.417	ng		99
10) Phenol	6.50	94	503676	41.043	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	393641	40.743	ng		99
12) 1,3-Dichlorobenzene	6.77	146	501387	39.756	ng		97
13) 1,4-Dichlorobenzene	6.85	146	510549	39.335	ng		98
14) 1,2-Dichlorobenzene	7.01	146	471827	38.827	ng		97
15) Benzyl Alcohol	6.99	79	365382	38.750	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	484951	39.093	ng	#	40
17) 2-Methylphenol	7.10	107	330116	38.455	ng	#	88
18) Hexachloroethane	7.35	117	182780	40.103	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	300376	38.944	ng		97
20) 3+4-Methylphenols	7.26	107	436492	39.763	ng	#	78
22) Acetophenone	7.25	105	624798	38.957	ng	#	96
24) Nitrobenzene	7.42	77	449176	39.346	ng		99
25) Isophorone	7.66	82	706103	39.376	ng		97
26) 2-Nitrophenol	7.74	139	254054	41.642	ng		97
27) 2,4-Dimethylphenol	7.78	122	331013	39.380	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	482825	39.542	ng		98
29) 2,4-Dichlorophenol	7.99	162	386003	41.036	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	430528	39.818	ng		99
31) Naphthalene	8.14	128	1207914	39.217	ng		99
32) Benzoic acid	7.94	122	189936	39.613	ng		97
33) 4-Chloroaniline	8.19	127	526348	39.246	ng		99
34) Hexachlorobutadiene	8.26	225	254765	40.152	ng		97
35) Caprolactam	8.58	113	123194	37.125	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	379881	38.149	ng		96
37) 2-Methylnaphthalene	8.83	142	813515	38.581	ng		98
38) 1-Methylnaphthalene	8.93	142	777432	38.467	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	415646	39.415	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	149375	42.439	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	255240	39.265	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	262437	38.629	ng		95
46) 1,1'-Biphenyl	9.30	154	1105196	39.360	ng		98
47) 2-Chloronaphthalene	9.32	162	851565	39.109	ng		95
48) 2-Nitroaniline	9.42	65	233931	39.417	ng		87
49) Acenaphthylene	9.74	152	1225840	38.410	ng		98
50) Dimethylphthalate	9.59	163	957044	38.352	ng		100
51) 2,6-Dinitrotoluene	9.66	165	217622	38.939	ng	#	77
52) Acenaphthene	9.91	154	740214	38.826	ng		98
53) 3-Nitroaniline	9.84	138	228089	37.671	ng		90
54) 2,4-Dinitrophenol	9.96	184	62774	34.999	ng		95
55) Dibenzofuran	10.08	168	1099753	37.748	ng		94
56) 4-Nitrophenol	10.02	139	123698	38.643	ng		91
57) 2,4-Dinitrotoluene	10.07	165	268902	37.794	ng	#	72
58) Fluorene	10.42	166	851084	39.037	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	198822	38.726	ng		92
60) Diethylphthalate	10.29	149	959876	38.761	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	459804	38.771	ng		91
62) 4-Nitroaniline	10.46	138	204408	34.419	ng		94
63) Azobenzene	10.57	77	861153	39.539	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	127806	38.211	ng		92
66) n-Nitrosodiphenylamine	10.53	169	811616	40.367	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	281296	40.091	ng		93
68) Hexachlorobenzene	10.98	284	301962	40.113	ng		99
69) Atrazine	11.06	200	223841	34.503	ng		95
70) Pentachlorophenol	11.18	266	100016	34.146	ng		98
71) Phenanthrene	11.39	178	1196544	38.580	ng		99
72) Anthracene	11.44	178	1212158	39.236	ng		99
73) Carbazole	11.60	167	1175715	38.580	ng		99
74) Di-n-butylphthalate	11.92	149	1470008	38.862	ng		98
75) Fluoranthene	12.58	202	1203406	36.177	ng		96
77) Benzidine	12.69	184	375226	32.952	ng		97
78) Pyrene	12.81	202	1219946	42.590	ng		99
80) Butylbenzylphthalate	13.41	149	580384	41.880	ng		95
81) Benzo(a)anthracene	14.00	228	966211	39.728	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	354348	38.931	ng		99
83) Chrysene	14.03	228	927226	39.940	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	801010	40.719	ng		99
85) Di-n-octyl phthalate	14.57	149	1182501	39.071	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	744546	40.475	ng		97
88) Benzo(b)fluoranthene	15.05	252	791730	39.246	ng		97
89) Benzo(k)fluoranthene	15.08	252	759297	39.294	ng		97
90) Benzo(a)pyrene	15.42	252	712743	39.265	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	630279	43.082	ng		98
92) Benzo(g,h,i)perylene	17.42	276	620219	44.936	ng		96

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

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