Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115360.D
Acq On : 2 Jul 2019 15:29
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 03 08:54:23 2019
Quant Method : Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	246036	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1000980	20.00	ng		0.01
39) Acenaphthene-d10	9.64	164	492135	20.00	ng		0.02
64) Phenanthrene-d10	11.12	188	965239	20.00	ng		0.02
76) Chrysene-d12	13.75	240	581901	20.00	ng		0.04
87) Perylene-d12	15.12	264	615604	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1183881	74.25	ng		0.01
7) Phenol-d6	6.25	99	1438055	74.31	ng		0.02
23) Nitrobenzene-d5	7.18	82	1302872	80.07	ng		0.01
42) 2,4,6-Tribromophenol	10.43	330	433957	83.62	ng		0.02
45) 2-Fluorobiphenyl	8.98	172	2246106	77.53	ng		0.02
79) Terphenyl-d14	12.71	244	2460212	89.89	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	276438	36.738	ng		98
3) Pyridine	2.84	79	763735	36.012	ng		98
4) n-Nitrosodimethylamine	2.80	42	288337	34.681	ng		98
6) Aniline	6.27	93	939896	35.340	ng	#	60
8) 2-Chlorophenol	6.40	128	696220	38.835	ng		99
9) Benzaldehyde	6.15	77	443678	35.142	ng		99
10) Phenol	6.27	94	808911	35.685	ng		79
11) bis(2-Chloroethyl)ether	6.35	93	632649	37.862	ng		98
12) 1,3-Dichlorobenzene	6.55	146	777515	39.078	ng		99
13) 1,4-Dichlorobenzene	6.62	146	779277	39.058	ng		98
14) 1,2-Dichlorobenzene	6.78	146	720833	39.014	ng		98
15) Benzyl Alcohol	6.76	79	470170	33.366	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	890289	36.736	ng		94
17) 2-Methylphenol	6.88	107	600042	40.549	ng		97
18) Hexachloroethane	7.12	117	277929	38.639	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	442641	35.728	ng		98
20) 3+4-Methylphenols	7.03	107	660481	38.654	ng		96
22) Acetophenone	7.02	105	898959	39.229	ng		96
24) Nitrobenzene	7.20	77	703220	39.228	ng		99
25) Isophorone	7.44	82	1254171	37.624	ng		99
26) 2-Nitrophenol	7.51	139	402216	45.433	ng		98
27) 2,4-Dimethylphenol	7.56	122	561769	38.756	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	803374	38.132	ng		100
29) 2,4-Dichlorophenol	7.76	162	600450	40.141	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	671474	40.639	ng		99
31) Naphthalene	7.92	128	1915299	38.980	ng		100
32) Benzoic acid	7.71	122	348717	33.704	ng		99
33) 4-Chloroaniline	7.97	127	878346	39.114	ng		99
34) Hexachlorobutadiene	8.04	225	367612	40.599	ng		98
35) Caprolactam	8.35	113	197682	39.307	ng		100
36) 4-Chloro-3-methylphenol	8.46	107	611025	40.335	ng		98
37) 2-Methylnaphthalene	8.61	142	1285008	38.787	ng		98
38) 1-Methylnaphthalene	8.71	142	1227175	38.784	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	575806	41.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	400893	48.615	ng		99
43) 2,4,6-Trichlorophenol	8.89	196	428378	39.899	ng		99
44) 2,4,5-Trichlorophenol	8.93	196	469033	42.421	ng		96
46) 1,1'-Biphenyl	9.07	154	1497485	38.029	ng		99
47) 2-Chloronaphthalene	9.10	162	1261146	39.483	ng		98
48) 2-Nitroaniline	9.19	65	385830	41.432	ng		94
49) Acenaphthylene	9.51	152	1922246	38.626	ng		99
50) Dimethylphthalate	9.38	163	1464942	40.460	ng		99
51) 2,6-Dinitrotoluene	9.44	165	345465	41.328	ng		97
52) Acenaphthene	9.68	154	1127106	36.194	ng		99
53) 3-Nitroaniline	9.60	138	410567	40.248	ng		98
54) 2,4-Dinitrophenol	9.71	184	188035	47.046	ng		96
55) Dibenzofuran	9.85	168	1659670	37.133	ng		99
56) 4-Nitrophenol	9.77	139	303260	37.082	ng		96
57) 2,4-Dinitrotoluene	9.84	165	449955	41.688	ng		92
58) Fluorene	10.20	166	1172995	38.460	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	389356	41.996	ng		96
60) Diethylphthalate	10.08	149	1418408	38.972	ng		100
61) 4-Chlorophenyl-phenylether	10.19	204	572408	39.671	ng		98
62) 4-Nitroaniline	10.21	138	420968	41.136	ng		100
63) Azobenzene	10.35	77	1285826	37.824	ng		99
65) 4,6-Dinitro-2-methylphenol	10.25	198	238944	46.677	ng		95
66) n-Nitrosodiphenylamine	10.31	169	1163681	38.697	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	419878	40.122	ng	#	91
68) Hexachlorobenzene	10.74	284	465039	40.939	ng		99
69) Atrazine	10.84	200	373817	38.643	ng		99
70) Pentachlorophenol	10.93	266	290733	40.175	ng		96
71) Phenanthrene	11.15	178	1912814	36.806	ng		100
72) Anthracene	11.20	178	1951594	37.202	ng		100
73) Carbazole	11.35	167	1793502	38.286	ng		99
74) Di-n-butylphthalate	11.70	149	2094767	38.697	ng		99
75) Fluoranthene	12.33	202	1975252	38.094	ng		98
77) Benzidine	12.45	184	858462	33.224	ng		99
78) Pyrene	12.55	202	2007586	44.893	ng		99
80) Butylbenzylphthalate	13.19	149	917618	46.497	ng		94
81) Benzo(a)anthracene	13.74	228	1796156	43.018	ng		99
82) 3,3'-Dichlorobenzidine	13.71	252	631578	41.888	ng		98
83) Chrysene	13.78	228	1700111	44.451	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1130492	43.717	ng	#	99
85) Di-n-octyl phthalate	14.37	149	1859235	42.792	ng		99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1471932	32.524	ng		98
88) Benzo(b)fluoranthene	14.75	252	1567711	40.813	ng		99
89) Benzo(k)fluoranthene	14.78	252	1448714	42.056	ng		97
90) Benzo(a)pyrene	15.07	252	1392767	40.229	ng		98
91) Dibenzo(a,h)anthracene	16.43	278	1192705	36.902	ng		98
92) Benzo(g,h,i)perylene	16.79	276	1190089	36.380	ng		100

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

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