Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111746.D
Acq On : 27 Dec 2018 6:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 27 07:00:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111945	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	365054	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	164259	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	324308	20.00	ng		0.01
76) Chrysene-d12	14.07	240	225853	20.00	ng		0.02
87) Perylene-d12	15.55	264	178410	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	545835	83.11	ng		0.02
7) Phenol-d6	6.55	99	630220	75.40	ng		0.02
23) Nitrobenzene-d5	7.46	82	572890	91.35	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	166948	86.02	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1032665	91.64	ng		0.00
79) Terphenyl-d14	13.01	244	1147011	96.31	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	127278	41.191	ng		95
3) Pyridine	3.45	79	283869	35.263	ng		97
4) n-Nitrosodimethylamine	3.39	42	159861	40.577	ng		83
6) Aniline	6.57	93	389660	36.574	ng		99
8) 2-Chlorophenol	6.70	128	286493	39.380	ng		96
9) Benzaldehyde	6.45	77	218041	37.931	ng		95
10) Phenol	6.56	94	340271	36.082	ng		77
11) bis(2-Chloroethyl)ether	6.63	93	280377	39.675	ng		97
12) 1,3-Dichlorobenzene	6.85	146	345503	40.980	ng		98
13) 1,4-Dichlorobenzene	6.92	146	352077	41.176	ng		98
14) 1,2-Dichlorobenzene	7.08	146	322698	40.451	ng		96
15) Benzyl Alcohol	7.05	79	235331	35.452	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	468090	35.965	ng		98
17) 2-Methylphenol	7.16	107	208595	35.808	ng	#	93
18) Hexachloroethane	7.42	117	72399	25.127	ng	#	87
19) n-Nitroso-di-n-propylamine	7.32	70	204857	36.906	ng		99
20) 3+4-Methylphenols	7.32	107	268776	36.515	ng	#	87
22) Acetophenone	7.31	105	390112	42.182	ng	#	93
24) Nitrobenzene	7.49	77	287417	43.726	ng		96
25) Isophorone	7.72	82	448695	40.300	ng		99
26) 2-Nitrophenol	7.80	139	79060	29.656	ng	#	89
27) 2,4-Dimethylphenol	7.84	122	200027	38.063	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	303973	41.028	ng		98
29) 2,4-Dichlorophenol	8.05	162	218973	38.740	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	259071	41.130	ng		98
31) Naphthalene	8.21	128	712975	40.648	ng		96
32) Benzoic acid	7.96	122	36432	10.485	ng		85
33) 4-Chloroaniline	8.26	127	293723	38.743	ng		98
34) Hexachlorobutadiene	8.33	225	168150	43.802	ng		98
35) Caprolactam	8.62	113	68573	35.802	ng	#	89
36) 4-Chloro-3-methylphenol	8.74	107	203466	36.619	ng		99
37) 2-Methylnaphthalene	8.90	142	437629	38.349	ng		98
38) 1-Methylnaphthalene	9.00	142	425975	38.866	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	240691	44.593	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	3539	1.351	ng		88
43) 2,4,6-Trichlorophenol	9.18	196	147220	40.853	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	153439	41.504	ng		94
46) 1,1'-Biphenyl	9.36	154	604952	43.629	ng		94
47) 2-Chloronaphthalene	9.39	162	462195	42.072	ng		96
48) 2-Nitroaniline	9.48	65	146647	51.312	ng		91
49) Acenaphthylene	9.80	152	668343	41.667	ng		95
50) Dimethylphthalate	9.66	163	530646	44.177	ng		97
51) 2,6-Dinitrotoluene	9.72	165	84453	35.260	ng		91
52) Acenaphthene	9.97	154	400271	40.461	ng		98
53) 3-Nitroaniline	9.89	138	142014	55.596	ng		100
54) 2,4-Dinitrophenol	9.99	184	912	8.385	ng	#	1
55) Dibenzofuran	10.15	168	630843	42.208	ng		96
56) 4-Nitrophenol	10.06	139	71928	36.897	ng		93
57) 2,4-Dinitrotoluene	10.12	165	97536	33.883	ng		93
58) Fluorene	10.49	166	448222	41.618	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	121932	39.191	ng		91
60) Diethylphthalate	10.36	149	515341	43.737	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	252002	42.351	ng		95
62) 4-Nitroaniline	10.50	138	142639	57.453	ng		85
63) Azobenzene	10.64	77	474703	40.130	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	2533	8.319	ng		84
66) n-Nitrosodiphenylamine	10.60	169	436627	40.108	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	159446	39.639	ng		96
68) Hexachlorobenzene	11.05	284	180506	40.247	ng	#	93
69) Atrazine	11.12	200	116058	30.687	ng		95
70) Pentachlorophenol	11.23	266	78957	28.477	ng		95
71) Phenanthrene	11.45	178	706746	41.092	ng		95
72) Anthracene	11.50	178	718308	41.608	ng		95
73) Carbazole	11.66	167	706905	42.177	ng		95
74) Di-n-butylphthalate	11.99	149	816685	43.459	ng		96
75) Fluoranthene	12.64	202	716584	41.144	ng		93
77) Benzidine	12.76	184	328047	38.599	ng		99
78) Pyrene	12.87	202	722538	45.302	ng		95
80) Butylbenzylphthalate	13.48	149	325591	50.081	ng		94
81) Benzo(a)anthracene	14.06	228	531991	41.274	ng		97
82) 3,3'-Dichlorobenzidine	14.02	252	212709	41.768	ng	#	97
83) Chrysene	14.09	228	503393	39.737	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	440209	53.755	ng	#	98
85) Di-n-octyl phthalate	14.66	149	635102	50.056	ng		96
86) Indeno(1,2,3-cd)pyrene	17.06	276	406185	37.717	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	443339	42.518	ng	#	95
89) Benzo(k)fluoranthene	15.14	252	385716	38.856	ng	#	96
90) Benzo(a)pyrene	15.49	252	381753	40.299	ng	#	93
91) Dibenzo(a,h)anthracene	17.07	278	346983	41.829	ng	#	91
92) Benzo(g,h,i)perylene	17.51	276	315013	38.890	ng	#	87

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

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