Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
Data File : BF118113.D
Acq On : 6 Dec 2019 14:32
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Dec 06 15:46:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 15:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142806	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	553537	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	296504	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	554974	20.00	ng		0.00
76) Chrysene-d12	14.06	240	423790	20.00	ng		0.00
87) Perylene-d12	15.55	264	406615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	352546	43.70	ng		0.00
7) Phenol-d6	6.49	99	423542	43.53	ng		0.00
23) Nitrobenzene-d5	7.43	82	403493	43.33	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	150198	47.85	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	854523	51.70	ng		0.00
79) Terphenyl-d14	13.00	244	1010856	43.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	70743	18.759	ng		98
3) Pyridine	3.38	79	187742	18.979	ng		98
4) n-Nitrosodimethylamine	3.32	42	76629	17.746	ng		97
6) Aniline	6.53	93	271746	21.133	ng		100
8) 2-Chlorophenol	6.65	128	199803	22.824	ng		98
9) Benzaldehyde	6.42	77	127712	21.010	ng		97
10) Phenol	6.50	94	240455	23.780	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	171253	21.090	ng		98
12) 1,3-Dichlorobenzene	6.81	146	229399	22.258	ng		98
13) 1,4-Dichlorobenzene	6.89	146	232746	22.342	ng		98
14) 1,2-Dichlorobenzene	7.04	146	220233	22.105	ng		98
15) Benzyl Alcohol	7.01	79	165066	21.972	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	210195	16.813	ng		99
17) 2-Methylphenol	7.12	107	153344	20.685	ng		97
18) Hexachloroethane	7.38	117	84137	21.985	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	128461	21.399	ng		96
20) 3+4-Methylphenols	7.27	107	202723	22.029	ng		92
22) Acetophenone	7.27	105	278037	22.357	ng	#	98
24) Nitrobenzene	7.45	77	198461	20.660	ng		100
25) Isophorone	7.69	82	341438	20.006	ng		96
26) 2-Nitrophenol	7.77	139	104425	22.334	ng		94
27) 2,4-Dimethylphenol	7.80	122	140743	19.372	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	228083	21.060	ng		98
29) 2,4-Dichlorophenol	8.01	162	167275	21.226	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	197415	21.596	ng		99
31) Naphthalene	8.18	128	590521	22.884	ng		99
32) Benzoic acid	7.91	122	117635	19.337	ng		94
33) 4-Chloroaniline	8.23	127	248919	21.547	ng		96
34) Hexachlorobutadiene	8.29	225	118122	22.101	ng		98
35) Caprolactam	8.59	113	51121	20.411	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	175914	21.995	ng		97
37) 2-Methylnaphthalene	8.87	142	399370	22.905	ng		99
38) 1-Methylnaphthalene	8.97	142	376215	22.823	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	186908	21.706	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	72806	15.088 ng		98
43) 2,4,6-Trichlorophenol	9.15	196	124608	20.204 ng		99
44) 2,4,5-Trichlorophenol	9.19	196	130025	20.305 ng		95
46) 1,1'-Biphenyl	9.34	154	493713	22.444 ng		98
47) 2-Chloronaphthalene	9.36	162	394121	21.779 ng		98
48) 2-Nitroaniline	9.46	65	109813	20.100 ng		98
49) Acenaphthylene	9.78	152	591950	22.436 ng		99
50) Dimethylphthalate	9.63	163	454765	21.872 ng		98
51) 2,6-Dinitrotoluene	9.70	165	97203	21.391 ng		98
52) Acenaphthene	9.95	154	356875	21.115 ng		97
53) 3-Nitroaniline	9.87	138	114299	21.021 ng		98
54) 2,4-Dinitrophenol	9.98	184	43220	21.425 ng		90
55) Dibenzofuran	10.12	168	532919	22.770 ng		99
56) 4-Nitrophenol	10.03	139	77682	19.140 ng		96
57) 2,4-Dinitrotoluene	10.10	165	129011	22.318 ng		98
58) Fluorene	10.47	166	423811	23.368 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	107629	20.456 ng		99
60) Diethylphthalate	10.33	149	455797	22.485 ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	214822	23.340 ng		97
62) 4-Nitroaniline	10.48	138	122142	22.435 ng		99
63) Azobenzene	10.62	77	388969	21.092 ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	58125	22.435 ng		96
66) n-Nitrosodiphenylamine	10.57	169	367409	22.748 ng		100
67) 4-Bromophenyl-phenylether	10.95	248	133400	22.278 ng	#	92
68) Hexachlorobenzene	11.02	284	155698	22.299 ng		93
69) Atrazine	11.10	200	111486	20.984 ng		98
70) Pentachlorophenol	11.22	266	68397	16.767 ng		98
71) Phenanthrene	11.43	178	638601	22.887 ng		100
72) Anthracene	11.49	178	642455	23.223 ng		99
73) Carbazole	11.64	167	570439	23.596 ng		99
74) Di-n-butylphthalate	11.97	149	718484	23.870 ng		99
75) Fluoranthene	12.63	202	656361	24.316 ng		98
77) Benzidine	12.75	184	223414	16.094 ng		99
78) Pyrene	12.86	202	661308	19.309 ng		99
80) Butylbenzylphthalate	13.47	149	299248	20.343 ng		98
81) Benzo(a)anthracene	14.05	228	606612	21.661 ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	211316	21.572 ng		99
83) Chrysene	14.09	228	589213	21.713 ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	403747	22.640 ng		100
85) Di-n-octyl phthalate	14.65	149	632758	24.152 ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	454501	19.679 ng		100
88) Benzo(b)fluoranthene	15.12	252	549880	20.815 ng		98
89) Benzo(k)fluoranthene	15.14	252	535531	21.514 ng		98
90) Benzo(a)pyrene	15.49	252	482541	20.772 ng		99
91) Dibenzo(a,h)anthracene	17.07	278	376597	18.835 ng		99
92) Benzo(g,h,i)perylene	17.52	276	340170	17.081 ng		99

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

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