Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115522.D
Acq On : 12 Jul 2019 11:21
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jul 12 12:35:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 12:28:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	176404	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	723753	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	353100	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	660173	20.00	ng		0.00
76) Chrysene-d12	14.05	240	396844	20.00	ng		0.00
87) Perylene-d12	15.52	264	354506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1232966	107.99	ng		0.00
7) Phenol-d6	6.52	99	1582538	108.98	ng		0.00
23) Nitrobenzene-d5	7.46	82	1471229	120.10	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	476211	121.98	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2390147	118.78	ng		0.00
79) Terphenyl-d14	13.00	244	2490280	128.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	313923	56.055	ng		100
3) Pyridine	3.46	79	875783	56.554	ng		99
4) n-Nitrosodimethylamine	3.42	42	314020	50.006	ng		98
6) Aniline	6.56	93	1127708	55.034	ng		100
8) 2-Chlorophenol	6.67	128	721066	55.930	ng		97
9) Benzaldehyde	6.43	77	421249	45.550	ng		99
10) Phenol	6.53	94	931615	53.622	ng		92
11) bis(2-Chloroethyl)ether	6.63	93	703620	54.592	ng		99
12) 1,3-Dichlorobenzene	6.83	146	799060	56.573	ng		97
13) 1,4-Dichlorobenzene	6.90	146	804615	56.871	ng		99
14) 1,2-Dichlorobenzene	7.06	146	730426	55.763	ng		98
15) Benzyl Alcohol	7.03	79	645918	55.433	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	934081	51.832	ng		99
17) 2-Methylphenol	7.14	107	628167	56.875	ng		99
18) Hexachloroethane	7.40	117	303275	57.542	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	519243	52.855	ng		99
20) 3+4-Methylphenols	7.29	107	699757	53.636	ng		92
22) Acetophenone	7.30	105	944912	54.485	ng	#	98
24) Nitrobenzene	7.47	77	801792	57.957	ng		99
25) Isophorone	7.72	82	1462939	55.098	ng		99
26) 2-Nitrophenol	7.79	139	418064	73.505	ng		96
27) 2,4-Dimethylphenol	7.82	122	619637	57.134	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	898726	54.891	ng		100
29) 2,4-Dichlorophenol	8.03	162	638763	59.134	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	715071	59.463	ng		99
31) Naphthalene	8.19	128	2026486	56.371	ng		99
32) Benzoic acid	7.97	122	542163	73.161	ng		97
33) 4-Chloroaniline	8.24	127	908985	56.672	ng		99
34) Hexachlorobutadiene	8.32	225	407159	59.703	ng		99
35) Caprolactam	8.63	113	204096	58.012	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	661149	57.865	ng		99
37) 2-Methylnaphthalene	8.89	142	1346757	56.048	ng		98
38) 1-Methylnaphthalene	8.99	142	1272627	55.510	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	621723	61.204	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	362533	61.575 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	450578	60.927 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	477422	62.257 ng	97
46) 1,1'-Biphenyl	9.35	154	1588649	57.230 ng	99
47) 2-Chloronaphthalene	9.37	162	1339377	58.380 ng	99
48) 2-Nitroaniline	9.47	65	428092	63.511 ng	93
49) Acenaphthylene	9.79	152	1967035	56.629 ng	99
50) Dimethylphthalate	9.66	163	1534359	57.895 ng	100
51) 2,6-Dinitrotoluene	9.71	165	360876	62.785 ng	95
52) Acenaphthene	9.96	154	1276469	58.390 ng	99
53) 3-Nitroaniline	9.88	138	406633	60.911 ng	98
54) 2,4-Dinitrophenol	9.98	184	202406	100.637 ng	93
55) Dibenzofuran	10.13	168	1750901	56.857 ng	98
56) 4-Nitrophenol	10.03	139	315692	61.122 ng	99
57) 2,4-Dinitrotoluene	10.12	165	471361	64.528 ng	95
58) Fluorene	10.48	166	1246317	51.341 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	389778	58.838 ng	100
60) Diethylphthalate	10.35	149	1449415	55.562 ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	656093	55.375 ng	96
62) 4-Nitroaniline	10.50	138	395212	60.312 ng	98
63) Azobenzene	10.63	77	1403383	52.189 ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	258069	89.981 ng	95
66) n-Nitrosodiphenylamine	10.59	169	1195686	57.482 ng	100
67) 4-Bromophenyl-phenylether	10.96	248	441658	59.622 ng	97
68) Hexachlorobenzene	11.03	284	506410	60.923 ng	98
69) Atrazine	11.11	200	353817	54.963 ng	99
70) Pentachlorophenol	11.22	266	314184	62.021 ng	99
71) Phenanthrene	11.44	178	1949286	56.143 ng	100
72) Anthracene	11.49	178	1944212	55.842 ng	99
73) Carbazole	11.64	167	1770230	55.577 ng	99
74) Di-n-butylphthalate	11.97	149	2077921	53.980 ng	99
75) Fluoranthene	12.63	202	1961416	53.653 ng	98
77) Benzidine	12.74	184	642097	41.491 ng	99
78) Pyrene	12.86	202	1968415	63.784 ng	99
80) Butylbenzylphthalate	13.47	149	855871	63.475 ng	99
81) Benzo(a)anthracene	14.04	228	1515575	59.604 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	541666	58.708 ng	99
83) Chrysene	14.08	228	1533462	58.695 ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1023721	61.307 ng	99
85) Di-n-octyl phthalate	14.64	149	1654631	55.662 ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1281617	56.682 ng	100
88) Benzo(b)fluoranthene	15.09	252	1426182	61.789 ng	99
89) Benzo(k)fluoranthene	15.12	252	1149545	56.001 ng	99
90) Benzo(a)pyrene	15.46	252	1170436	58.792 ng	99
91) Dibenzo(a,h)anthracene	17.03	278	1040155	61.143 ng	99
92) Benzo(g,h,i)perylene	17.46	276	1040114	64.595 ng	98

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

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