Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119411.D
Acq On : 18 Mar 2020 12:40
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Mar 18 14:31:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 14:23:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282668	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1027410	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	515584	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	991170	20.00	ng		0.00
76) Chrysene-d12	14.03	240	706290	20.00	ng		0.00
87) Perylene-d12	15.50	264	669636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1713718	101.32	ng		0.00
7) Phenol-d6	6.48	99	2191985	106.56	ng		0.00
23) Nitrobenzene-d5	7.42	82	1898226	97.55	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	527778	78.25	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	3178153	90.81	ng		0.00
79) Terphenyl-d14	12.98	244	3332893	81.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	430901	57.218	ng		98
3) Pyridine	3.36	79	1186955	57.712	ng		99
4) n-Nitrosodimethylamine	3.31	42	583567	93.666	ng		99
6) Aniline	6.52	93	1532234	60.365	ng		99
8) 2-Chlorophenol	6.64	128	907816	49.733	ng		96
9) Benzaldehyde	6.40	77	683909	49.762	ng		99
10) Phenol	6.49	94	1187876	53.410	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	942982	55.413	ng		98
12) 1,3-Dichlorobenzene	6.80	146	977020	44.657	ng		99
13) 1,4-Dichlorobenzene	6.87	146	966396	44.141	ng		99
14) 1,2-Dichlorobenzene	7.03	146	912674	45.710	ng		98
15) Benzyl Alcohol	7.00	79	839361	56.457	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1884877	127.863	ng		100
17) 2-Methylphenol	7.10	107	833059	56.290	ng		98
18) Hexachloroethane	7.37	117	362065	46.225	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	660157	55.074	ng		96
20) 3+4-Methylphenols	7.26	107	1022409	56.390	ng		96
22) Acetophenone	7.27	105	1187144	49.940	ng	#	96
24) Nitrobenzene	7.44	77	1007539	52.360	ng		98
25) Isophorone	7.68	82	1847882	54.681	ng		99
26) 2-Nitrophenol	7.76	139	416943	40.894	ng		98
27) 2,4-Dimethylphenol	7.79	122	802925	58.026	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1092562	49.671	ng		98
29) 2,4-Dichlorophenol	7.99	162	743068	45.616	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	813389	42.114	ng		99
31) Naphthalene	8.17	128	2549840	47.854	ng		99
32) Benzoic acid	7.91	122	569579	60.416	ng		97
33) 4-Chloroaniline	8.21	127	1180733	51.521	ng		98
34) Hexachlorobutadiene	8.29	225	455260	37.842	ng		99
35) Caprolactam	8.59	113	239816	47.812	ng	#	85
36) 4-Chloro-3-methylphenol	8.69	107	811549	49.227	ng		98
37) 2-Methylnaphthalene	8.86	142	1688318	47.084	ng		98
38) 1-Methylnaphthalene	8.96	142	1582041	46.913	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	730265	42.009	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	415790	81.560	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	523990	47.733	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	594561	51.614	ng		97
46) 1,1'-Biphenyl	9.33	154	2035858	48.857	ng		98
47) 2-Chloronaphthalene	9.35	162	1598151	47.593	ng		98
48) 2-Nitroaniline	9.44	65	590622	63.061	ng		95
49) Acenaphthylene	9.77	152	2480520	51.146	ng		100
50) Dimethylphthalate	9.63	163	1765609	44.783	ng		100
51) 2,6-Dinitrotoluene	9.69	165	400697	45.746	ng		86
52) Acenaphthene	9.94	154	1556780	53.234	ng		98
53) 3-Nitroaniline	9.85	138	502409	51.738	ng		95
54) 2,4-Dinitrophenol	9.95	184	151475	41.947	ng		85
55) Dibenzofuran	10.11	168	2221538	50.895	ng		99
56) 4-Nitrophenol	10.00	139	405319	69.471	ng		88
57) 2,4-Dinitrotoluene	10.09	165	513365	45.216	ng		91
58) Fluorene	10.46	166	1641638	48.400	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	447457	46.035	ng		98
60) Diethylphthalate	10.33	149	1804776	48.576	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	808532	45.035	ng		99
62) 4-Nitroaniline	10.47	138	479032	48.216	ng		99
63) Azobenzene	10.60	77	1818931	56.323	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	221635	36.953	ng		82
66) n-Nitrosodiphenylamine	10.56	169	1555810	47.938	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	536179	41.385	ng		94
68) Hexachlorobenzene	11.00	284	550465	36.851	ng	#	91
69) Atrazine	11.09	200	423293	37.330	ng		100
70) Pentachlorophenol	11.19	266	336160	55.867	ng		98
71) Phenanthrene	11.42	178	2446709	45.265	ng		99
72) Anthracene	11.47	178	2484969	46.011	ng		100
73) Carbazole	11.62	167	2458608	51.099	ng		99
74) Di-n-butylphthalate	11.96	149	2671417	45.847	ng		98
75) Fluoranthene	12.60	202	2668685	46.512	ng		98
77) Benzidine	12.73	184	1412992	49.192	ng		99
78) Pyrene	12.83	202	2740323	48.318	ng		100
80) Butylbenzylphthalate	13.46	149	1151342	48.235	ng		97
81) Benzo(a)anthracene	14.03	228	2202840	45.774	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	875071	46.828	ng		97
83) Chrysene	14.06	228	2250130	46.925	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1333666	44.226	ng		99
85) Di-n-octyl phthalate	14.63	149	2431546	50.608	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	2020748	43.522	ng		100
88) Benzo(b)fluoranthene	15.07	252	2276205	51.569	ng		100
89) Benzo(k)fluoranthene	15.11	252	1940666	47.444	ng		98
90) Benzo(a)pyrene	15.44	252	1964673	49.319	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1636698	46.694	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1635244	47.217	ng		99

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

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