Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120321.D
Acq On : 15 May 2020 15:03
Operator : MA/SJ
Sample : L2646-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DMS

Quant Time: May 15 16:11:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	286603	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1176878	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	659489	20.00	ng		0.00
64) Phenanthrene-d10	11.14	188	1375766	20.00	ng		0.00
76) Chrysene-d12	13.77	240	823889	20.00	ng		0.00
87) Perylene-d12	15.16	264	789407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1867328	126.77	ng		0.01
7) Phenol-d6	6.28	99	2249261	120.75	ng		0.00
23) Nitrobenzene-d5	7.19	82	1394115	81.10	ng		0.00
42) 2,4,6-Tribromophenol	10.45	330	671671	124.91	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2911798	90.71	ng		0.00
79) Terphenyl-d14	12.73	244	3288791	88.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	332745	56.787	ng		99
3) Pyridine	2.92	79	798271	43.339	ng		100
4) n-Nitrosodimethylamine	2.87	42	399042	55.329	ng		98
6) Aniline	6.28	93	939686	39.445	ng		96
8) 2-Chlorophenol	6.40	128	866573	50.456	ng		99
9) Benzaldehyde	6.16	77	543836	47.359	ng		98
10) Phenol	6.29	94	1095240	50.368	ng	#	78
11) bis(2-Chloroethyl)ether	6.36	93	803661	46.268	ng		96
12) 1,3-Dichlorobenzene	6.55	146	820743	44.659	ng		99
13) 1,4-Dichlorobenzene	6.63	146	849535	44.882	ng		97
14) 1,2-Dichlorobenzene	6.79	146	792682	46.505	ng		99
15) Benzyl Alcohol	6.77	79	675171	51.019	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1293916	47.269	ng		65
17) 2-Methylphenol	6.90	107	688327	47.475	ng		94
18) Hexachloroethane	7.12	117	316939	43.954	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	578779	47.427	ng		96
20) 3+4-Methylphenols	7.05	107	890792	47.256	ng		98
22) Acetophenone	7.03	105	1150896	47.736	ng		98
24) Nitrobenzene	7.20	77	870495	47.056	ng		96
25) Isophorone	7.45	82	1662273	46.477	ng		99
26) 2-Nitrophenol	7.52	139	472886	48.877	ng		92
27) 2,4-Dimethylphenol	7.57	122	736734	52.347	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	1092850	48.614	ng		99
29) 2,4-Dichlorophenol	7.77	162	755039	52.235	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	747434	46.662	ng		98
31) Naphthalene	7.92	128	2408901	48.498	ng		100
32) Benzoic acid	7.74	122	491319	53.259	ng		98
33) 4-Chloroaniline	7.98	127	649475	28.693	ng		98
34) Hexachlorobutadiene	8.04	225	414544	44.775	ng		97
35) Caprolactam	8.37	113	253455m	53.597	ng		
36) 4-Chloro-3-methylphenol	8.49	107	819906	52.434	ng		99
37) 2-Methylnaphthalene	8.62	142	1643777	48.360	ng		97
38) 1-Methylnaphthalene	8.72	142	1637594	49.674	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	746979	44.919	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	636309	91.704 ng	98
43) 2,4,6-Trichlorophenol	8.90	196	542106	48.566 ng	99
44) 2,4,5-Trichlorophenol	8.95	196	587491	45.830 ng	99
46) 1,1'-Biphenyl	9.08	154	2105310	48.722 ng	99
47) 2-Chloronaphthalene	9.10	162	1595048	46.018 ng	100
48) 2-Nitroaniline	9.21	65	582839	46.087 ng	99
49) Acenaphthylene	9.52	152	2603749	49.177 ng	100
50) Dimethylphthalate	9.39	163	2378966	57.064 ng	100
51) 2,6-Dinitrotoluene	9.46	165	440289	47.319 ng	87
52) Acenaphthene	9.69	154	1498076	47.203 ng	100
53) 3-Nitroaniline	9.62	138	305873	27.566 ng	97
54) 2,4-Dinitrophenol	9.74	184	387107	88.137 ng	93
55) Dibenzofuran	9.86	168	2140077	46.826 ng	98
56) 4-Nitrophenol	9.82	139	570154	95.630 ng	86
57) 2,4-Dinitrotoluene	9.86	165	517182	47.384 ng	98
58) Fluorene	10.20	166	1682203	48.331 ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	451996	46.853 ng	99
60) Diethylphthalate	10.09	149	1944029	48.301 ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	819534	45.287 ng	96
62) 4-Nitroaniline	10.25	138	504354	48.813 ng	99
63) Azobenzene	10.36	77	1923821	50.575 ng	95
65) 4,6-Dinitro-2-methylphenol	10.27	198	328492	47.213 ng	92
66) n-Nitrosodiphenylamine	10.32	169	1657526	43.548 ng	99
67) 4-Bromophenyl-phenylether	10.69	248	537203	40.240 ng	98
68) Hexachlorobenzene	10.75	284	583049	41.746 ng	95
69) Atrazine	10.86	200	444907	39.064 ng	99
70) Pentachlorophenol	10.95	266	553679	93.211 ng	99
71) Phenanthrene	11.16	178	2666142	46.119 ng	99
72) Anthracene	11.22	178	2997156	48.429 ng	100
73) Carbazole	11.37	167	2828532	48.915 ng	99
74) Di-n-butylphthalate	11.71	149	3268578	46.902 ng	99
75) Fluoranthene	12.35	202	2907508	46.924 ng	99
77) Benzidine	12.48	184	1799104	74.779 ng	96
78) Pyrene	12.57	202	2856455	48.633 ng	99
80) Butylbenzylphthalate	13.20	149	1501290	54.281 ng	96
81) Benzo(a)anthracene	13.77	228	2061444	47.439 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	541297	33.055 ng	98
83) Chrysene	13.80	228	2197849	47.101 ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1597512	46.425 ng	100
85) Di-n-octyl phthalate	14.37	149	3065992	49.528 ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2305636	54.442 ng	100
88) Benzo(b)fluoranthene	14.78	252	2158068	50.058 ng	99
89) Benzo(k)fluoranthene	14.81	252	1910259	51.144 ng	99
90) Benzo(a)pyrene	15.11	252	1870033	48.367 ng	99
91) Dibenzo(a,h)anthracene	16.51	278	1891511	55.223 ng	99
92) Benzo(g,h,i)perylene	16.89	276	1957947	56.687 ng	100

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

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