Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114133.D
Acq On : 10 May 2019 21:01
Operator : JU/SJ
Sample : K2762-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P021-SS001-0002-01MSD

Quant Time: May 11 04:02:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	367931	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1309695	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	533371	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	933656	20.00	ng		0.00
76) Chrysene-d12	14.02	240	671334	20.00	ng		0.00
87) Perylene-d12	15.50	264	588611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1988511	86.97	ng		0.00
7) Phenol-d6	6.50	99	2564888	94.85	ng		0.00
23) Nitrobenzene-d5	7.42	82	1552428	66.52	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	470273	85.28	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2131405	60.45	ng		0.00
79) Terphenyl-d14	12.95	244	1863029	57.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	327455	26.057	ng		100
3) Pyridine	3.41	79	852923	24.633	ng		97
4) n-Nitrosodimethylamine	3.35	42	486542	29.140	ng		96
6) Aniline	6.52	93	359436	9.202	ng	#	35
8) 2-Chlorophenol	6.65	128	807913	33.100	ng		95
9) Benzaldehyde	6.40	77	365896	19.328	ng		98
10) Phenol	6.51	94	983909	30.930	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	873804	36.182	ng		99
12) 1,3-Dichlorobenzene	6.80	146	833224	30.412	ng		100
13) 1,4-Dichlorobenzene	6.87	146	843087	30.537	ng		96
14) 1,2-Dichlorobenzene	7.03	146	789811	31.313	ng		99
15) Benzyl Alcohol	7.00	79	693605	32.887	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1459810	31.175	ng		98
17) 2-Methylphenol	7.11	107	637387	31.790	ng		100
18) Hexachloroethane	7.37	117	256803	24.780	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	544805	31.786	ng		97
20) 3+4-Methylphenols	7.26	107	756041	32.637	ng		97
22) Acetophenone	7.26	105	1051087	36.227	ng	#	97
24) Nitrobenzene	7.43	77	837117	35.218	ng		98
25) Isophorone	7.67	82	1455709	33.634	ng		99
26) 2-Nitrophenol	7.75	139	397900	34.504	ng		98
27) 2,4-Dimethylphenol	7.79	122	670550	37.022	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	957807	34.107	ng		99
29) 2,4-Dichlorophenol	8.00	162	598859	33.205	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	667869	32.566	ng		99
31) Naphthalene	8.16	128	2101149	34.345	ng		100
32) Benzoic acid	7.90	122	294672	26.501	ng		97
33) 4-Chloroaniline	8.20	127	231444	8.302	ng		97
34) Hexachlorobutadiene	8.28	225	365365	31.311	ng		99
35) Caprolactam	8.56	113	199076	33.852	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	598386	32.962	ng		97
37) 2-Methylnaphthalene	8.85	142	1367156	34.636	ng		97
38) 1-Methylnaphthalene	8.95	142	1261180	33.929	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609748	37.739	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	67026	12.747	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	397539	35.772	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	395747	34.723	ng		97
46) 1,1'-Biphenyl	9.31	154	1575538	36.565	ng		98
47) 2-Chloronaphthalene	9.33	162	1180727	34.049	ng		99
48) 2-Nitroaniline	9.43	65	422796	34.378	ng		99
49) Acenaphthylene	9.75	152	1803258	34.190	ng		99
50) Dimethylphthalate	9.61	163	1765954	45.102	ng		99
51) 2,6-Dinitrotoluene	9.67	165	282334	32.510	ng		93
52) Acenaphthene	9.92	154	1086188	33.560	ng		98
53) 3-Nitroaniline	9.83	138	242731	22.516	ng		99
54) 2,4-Dinitrophenol	9.95	184	56231	18.536	ng		95
55) Dibenzofuran	10.09	168	1568224	33.044	ng		97
56) 4-Nitrophenol	10.00	139	461324	60.511	ng		95
57) 2,4-Dinitrotoluene	10.07	165	346159	29.367	ng		94
58) Fluorene	10.43	166	1157217	31.568	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	315007	32.033	ng		100
60) Diethylphthalate	10.30	149	1294440	32.537	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	575422	31.960	ng		96
62) 4-Nitroaniline	10.45	138	282680	24.954	ng		96
63) Azobenzene	10.59	77	1189439	30.888	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	39124	8.721	ng		88
66) n-Nitrosodiphenylamine	10.55	169	1064406	37.563	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	352527	34.293	ng		97
68) Hexachlorobenzene	10.99	284	375688	33.035	ng		99
69) Atrazine	11.07	200	288408	32.706	ng		97
70) Pentachlorophenol	11.18	266	384760	71.371	ng		99
71) Phenanthrene	11.40	178	1617775	35.615	ng		99
72) Anthracene	11.45	178	1636503	35.869	ng		98
73) Carbazole	11.60	167	1538824	35.370	ng		99
74) Di-n-butylphthalate	11.93	149	1805853	36.028	ng		99
75) Fluoranthene	12.59	202	1833184	37.477	ng		99
77) Benzidine	12.70	184	9976	0.331	ng	#	51
78) Pyrene	12.81	202	1904108	35.258	ng		99
80) Butylbenzylphthalate	13.43	149	803496	35.347	ng		99
81) Benzo(a)anthracene	14.00	228	1462675	33.685	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	266452	15.818	ng		99
83) Chrysene	14.04	228	1482346	34.825	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1051774	35.378	ng		100
85) Di-n-octyl phthalate	14.62	149	1787102	37.082	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1158426	30.794	ng		98
88) Benzo(b)fluoranthene	15.07	252	1306035	34.634	ng		99
89) Benzo(k)fluoranthene	15.10	252	1238819	35.762	ng		100
90) Benzo(a)pyrene	15.44	252	1167094	35.166	ng		100
91) Dibenzo(a,h)anthracene	16.99	278	966741	35.055	ng		99
92) Benzo(g,h,i)perylene	17.42	276	964512	34.900	ng		99

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

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