Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115108.D
Acq On : 22 Jun 2019 9:28
Operator : HP/JU
Sample : K2241-03
Misc : MDL-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

Quant Time: Jun 22 10:17:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	235911	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	927517	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	465976	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	905756	20.00	ng		-0.01
76) Chrysene-d12	13.72	240	718505	20.00	ng		-0.02
87) Perylene-d12	15.08	264	769926	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1627889	106.49	ng		0.00
7) Phenol-d6	6.25	99	2085349	112.39	ng		0.00
23) Nitrobenzene-d5	7.17	82	1287221	85.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	632154	128.65	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	2409035	87.82	ng		-0.01
79) Terphenyl-d14	12.69	244	2749358	81.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	41600	5.766	ng		98
3) Pyridine	2.88	79	114850	5.648	ng		99
4) n-Nitrosodimethylamine	2.77	42	23551	2.954	ng	#	94
6) Aniline	6.27	93	197892	7.760	ng		99
8) 2-Chlorophenol	6.40	128	134912	7.848	ng		98
9) Benzaldehyde	6.15	77	112891	9.326	ng		98
10) Phenol	6.26	94	170104	7.826	ng		94
11) bis(2-Chloroethyl)ether	6.35	93	123909	7.734	ng		96
12) 1,3-Dichlorobenzene	6.55	146	150541	7.891	ng		96
13) 1,4-Dichlorobenzene	6.62	146	152924	7.994	ng		98
14) 1,2-Dichlorobenzene	6.78	146	143190	8.082	ng		98
15) Benzyl Alcohol	6.75	79	125112	9.260	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	179470	7.723	ng		98
17) 2-Methylphenol	6.87	107	109308	7.704	ng		99
18) Hexachloroethane	7.12	117	50476	7.319	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	94847	7.984	ng		97
20) 3+4-Methylphenols	7.02	107	142640	8.706	ng	#	82
22) Acetophenone	7.02	105	202070	9.516	ng	#	98
24) Nitrobenzene	7.19	77	141298	8.506	ng		99
25) Isophorone	7.43	82	254016	8.224	ng		99
26) 2-Nitrophenol	7.51	139	65652	8.003	ng		98
27) 2,4-Dimethylphenol	7.55	122	122058	9.088	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	159027	8.146	ng		99
29) 2,4-Dichlorophenol	7.74	162	112627	8.126	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	125717	8.211	ng		98
31) Naphthalene	7.91	128	416162	9.141	ng		97
32) Benzoic acid	7.62	122	73452	7.661	ng		96
33) 4-Chloroaniline	7.96	127	170709	8.204	ng		99
34) Hexachlorobutadiene	8.04	225	66791	7.961	ng		98
35) Caprolactam	8.29	113	37216	7.986	ng		99
36) 4-Chloro-3-methylphenol	8.44	107	118007	8.407	ng		99
37) 2-Methylnaphthalene	8.60	142	281873	9.182	ng		98
38) 1-Methylnaphthalene	8.70	142	269128	9.179	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	126367	9.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	63318	8.109 ng	97
43) 2,4,6-Trichlorophenol	8.88	196	80467	7.915 ng	99
44) 2,4,5-Trichlorophenol	8.91	196	86856	8.297 ng	96
46) 1,1'-Biphenyl	9.07	154	361315	9.691 ng	98
47) 2-Chloronaphthalene	9.08	162	261153	8.635 ng	98
48) 2-Nitroaniline	9.17	65	69275	7.857 ng	99
49) Acenaphthylene	9.50	152	421200	8.939 ng	97
50) Dimethylphthalate	9.37	163	299298	8.730 ng	99
51) 2,6-Dinitrotoluene	9.42	165	63975	8.083 ng	93
52) Acenaphthene	9.67	154	258432	8.765 ng	97
53) 3-Nitroaniline	9.58	138	73730	7.634 ng	98
54) 2,4-Dinitrophenol	9.68	184	17790	11.311 ng	96
55) Dibenzofuran	9.84	168	375630	8.876 ng	98
56) 4-Nitrophenol	9.73	139	55767	7.202 ng	96
57) 2,4-Dinitrotoluene	9.81	165	80959	7.922 ng	92
58) Fluorene	10.18	166	286700	4.203 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	77179	8.792 ng	97
60) Diethylphthalate	10.07	149	292323	8.483 ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	134665	3.833 ng	97
62) 4-Nitroaniline	10.18	138	71779	7.408 ng	98
63) Azobenzene	10.34	77	281917	8.758 ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	27115	10.005 ng	94
66) n-Nitrosodiphenylamine	10.29	169	250636	8.882 ng	98
67) 4-Bromophenyl-phenylether	10.66	248	83780	8.531 ng	97
68) Hexachlorobenzene	10.72	284	90972	8.535 ng	99
69) Atrazine	10.82	200	74836	8.244 ng	99
70) Pentachlorophenol	10.91	266	49689	7.317 ng	97
71) Phenanthrene	11.13	178	447027	9.167 ng	97
72) Anthracene	11.18	178	448298	9.107 ng	98
73) Carbazole	11.33	167	399545	9.089 ng	98
74) Di-n-butylphthalate	11.69	149	460766	9.071 ng	98
75) Fluoranthene	12.31	202	451645	9.282 ng	95
77) Benzidine	12.43	184	176980	5.547 ng	97
78) Pyrene	12.53	202	468993	8.494 ng	98
80) Butylbenzylphthalate	13.17	149	184294	7.563 ng	94
81) Benzo(a)anthracene	13.71	228	402617	7.809 ng	98
82) 3,3'-Dichlorobenzidine	13.68	252	151687	8.148 ng	99
83) Chrysene	13.75	228	405127	8.579 ng	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	258334	8.091 ng	99
85) Di-n-octyl phthalate	14.35	149	420221	7.833 ng	100
86) Indeno(1,2,3-cd)pyrene	16.34	276	393754	7.046 ng	99
88) Benzo(b)fluoranthene	14.71	252	420793	8.759 ng	99
89) Benzo(k)fluoranthene	14.74	252	377157	8.754 ng	96
90) Benzo(a)pyrene	15.02	252	380475	8.787 ng	99
91) Dibenzo(a,h)anthracene	16.36	278	330229	8.169 ng	97
92) Benzo(g,h,i)perylene	16.71	276	326089	7.970 ng	100

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

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