Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114978.D
Acq On : 12 Jun 2019 16:51
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-8PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 13 11:01:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 10:54:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	288532	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1124837	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	554420	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1087696	20.00	ng		0.00
76) Chrysene-d12	13.77	240	784425	20.00	ng		-0.01
87) Perylene-d12	15.16	264	750344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1720554	99.57	ng		0.00
7) Phenol-d6	6.29	99	2156992	103.48	ng		0.00
23) Nitrobenzene-d5	7.21	82	1325681	70.94	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	631295	106.33	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2361002	72.17	ng		0.00
79) Terphenyl-d14	12.73	244	2610761	62.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	56333	6.965	ng		99
3) Pyridine	3.02	79	137185	6.024	ng		96
4) n-Nitrosodimethylamine	2.88	42	51740	6.400	ng	#	97
6) Aniline	6.31	93	206662	7.403	ng	#	85
8) 2-Chlorophenol	6.43	128	147746	7.541	ng		99
9) Benzaldehyde	6.19	77	119938	10.009	ng		98
10) Phenol	6.30	94	183331	7.861	ng		86
11) bis(2-Chloroethyl)ether	6.39	93	132242	7.306	ng		99
12) 1,3-Dichlorobenzene	6.59	146	167859	7.335	ng		97
13) 1,4-Dichlorobenzene	6.66	146	171805	7.467	ng		97
14) 1,2-Dichlorobenzene	6.82	146	160910	7.428	ng		99
15) Benzyl Alcohol	6.79	79	133688	8.560	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	179705	7.418	ng		98
17) 2-Methylphenol	6.91	107	122539	7.498	ng		96
18) Hexachloroethane	7.16	117	58052	6.987	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	98449	7.774	ng		97
20) 3+4-Methylphenols	7.06	107	157123	8.078	ng		96
22) Acetophenone	7.06	105	211454	8.304	ng	#	96
24) Nitrobenzene	7.23	77	154616	8.132	ng		95
25) Isophorone	7.47	82	272843	7.795	ng		99
26) 2-Nitrophenol	7.55	139	79078	7.462	ng		95
27) 2,4-Dimethylphenol	7.59	122	112073	7.331	ng		98
28) bis(2-Chloroethoxy)methane	7.68	93	172417	7.678	ng		99
29) 2,4-Dichlorophenol	7.79	162	126532	7.834	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	143733	7.702	ng		99
31) Naphthalene	7.95	128	462337	8.687	ng		97
32) Benzoic acid	7.67	122	53234	4.812	ng		95
33) 4-Chloroaniline	8.00	127	189116	7.698	ng		97
34) Hexachlorobutadiene	8.07	225	78063	7.526	ng		99
35) Caprolactam	8.33	113	39914	7.420	ng		99
36) 4-Chloro-3-methylphenol	8.48	107	128692	7.907	ng		95
37) 2-Methylnaphthalene	8.64	142	310649	8.751	ng		97
38) 1-Methylnaphthalene	8.74	142	294721	8.785	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	134425	8.207	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	39820	4.934	ng		98
43) 2,4,6-Trichlorophenol	8.92	196	87842	7.180	ng		98
44) 2,4,5-Trichlorophenol	8.96	196	93200	7.538	ng		97
46) 1,1'-Biphenyl	9.10	154	376849	8.482	ng		96
47) 2-Chloronaphthalene	9.12	162	288845	8.040	ng		98
48) 2-Nitroaniline	9.22	65	74454	7.011	ng		98
49) Acenaphthylene	9.53	152	471243	8.531	ng		97
50) Dimethylphthalate	9.40	163	328915	7.889	ng		99
51) 2,6-Dinitrotoluene	9.46	165	72844	7.702	ng	#	83
52) Acenaphthene	9.71	154	271037	8.576	ng		98
53) 3-Nitroaniline	9.62	138	81551	7.038	ng		97
54) 2,4-Dinitrophenol	9.73	184	21642	4.718	ng		96
55) Dibenzofuran	9.87	168	408736	8.582	ng		97
56) 4-Nitrophenol	9.79	139	51733	6.474	ng		91
57) 2,4-Dinitrotoluene	9.86	165	95295	7.916	ng		96
58) Fluorene	10.22	166	313399	8.996	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	75646	7.575	ng		99
60) Diethylphthalate	10.10	149	321531	8.065	ng		98
61) 4-Chlorophenyl-phenylether	10.22	204	149434	8.690	ng		94
62) 4-Nitroaniline	10.23	138	80858	6.940	ng		96
63) Azobenzene	10.37	77	288185	8.263	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	37480	6.148	ng		90
66) n-Nitrosodiphenylamine	10.33	169	272313	8.375	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	92460	7.917	ng		92
68) Hexachlorobenzene	10.77	284	100060	7.782	ng	#	91
69) Atrazine	10.86	200	84528	8.064	ng		98
70) Pentachlorophenol	10.96	266	43306	6.202	ng		98
71) Phenanthrene	11.17	178	480584	8.558	ng		98
72) Anthracene	11.22	178	488050	8.614	ng		97
73) Carbazole	11.37	167	435467	8.806	ng		95
74) Di-n-butylphthalate	11.72	149	508742	8.161	ng		98
75) Fluoranthene	12.35	202	490433	8.540	ng		98
77) Benzidine	12.47	184	217863	6.867	ng		98
78) Pyrene	12.57	202	505448	7.073	ng		97
80) Butylbenzylphthalate	13.20	149	212231	6.359	ng		93
81) Benzo(a)anthracene	13.76	228	434125	7.396	ng		98
82) 3,3'-Dichlorobenzidine	13.73	252	154960	6.886	ng		98
83) Chrysene	13.79	228	420868	7.210	ng		96
84) Bis(2-ethylhexyl)phthalate	13.77	149	274682	6.963	ng		99
85) Di-n-octyl phthalate	14.39	149	485257	7.143	ng		99
86) Indeno(1,2,3-cd)pyrene	16.45	276	327369	6.385	ng		99
88) Benzo(b)fluoranthene	14.77	252	395126	7.922	ng		99
89) Benzo(k)fluoranthene	14.80	252	355438	8.118	ng		98
90) Benzo(a)pyrene	15.10	252	342740	7.963	ng		98
91) Dibenzo(a,h)anthracene	16.46	278	273760	7.386	ng		100
92) Benzo(g,h,i)perylene	16.83	276	265327	7.019	ng		100

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

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