Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114980.D
Acq On : 12 Jun 2019 17:44
Operator : HP/JU
Sample : K2241-03
Misc : MDL-SOIL-8PPM
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 13 11:09:24 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	292546	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1137542	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	560811	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1109432	20.00	ng		0.00
76) Chrysene-d12	13.77	240	812224	20.00	ng		-0.01
87) Perylene-d12	15.15	264	774755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1765394	100.76	ng		0.00
7) Phenol-d6	6.29	99	2212772	104.70	ng		0.00
23) Nitrobenzene-d5	7.21	82	1366402	72.30	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	654610	109.00	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2436112	73.62	ng		0.00
79) Terphenyl-d14	12.73	244	2685243	62.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	59094	7.206	ng		98
3) Pyridine	3.02	79	134989	5.847	ng		99
4) n-Nitrosodimethylamine	2.87	42	55709	6.796	ng		93
6) Aniline	6.31	93	216391	7.646	ng		88
8) 2-Chlorophenol	6.43	128	154466	7.775	ng		100
9) Benzaldehyde	6.19	77	124118	10.216	ng		100
10) Phenol	6.30	94	188203	7.959	ng		87
11) bis(2-Chloroethyl)ether	6.39	93	138672	7.556	ng		98
12) 1,3-Dichlorobenzene	6.59	146	171972	7.411	ng		99
13) 1,4-Dichlorobenzene	6.66	146	179116	7.678	ng		97
14) 1,2-Dichlorobenzene	6.82	146	165513	7.536	ng		99
15) Benzyl Alcohol	6.79	79	135045	8.529	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	183461	7.469	ng		98
17) 2-Methylphenol	6.91	107	128469	7.753	ng		97
18) Hexachloroethane	7.16	117	59892	7.109	ng		94
19) n-Nitroso-di-n-propylamine	7.06	70	102541	7.986	ng		98
20) 3+4-Methylphenols	7.06	107	162638	8.247	ng		94
22) Acetophenone	7.06	105	217255	8.437	ng	#	95
24) Nitrobenzene	7.23	77	157464	8.189	ng		94
25) Isophorone	7.47	82	277658	7.844	ng		99
26) 2-Nitrophenol	7.55	139	81767	7.629	ng		97
27) 2,4-Dimethylphenol	7.59	122	120830	7.815	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	178156	7.845	ng		99
29) 2,4-Dichlorophenol	7.79	162	132031	8.084	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	147677	7.825	ng		99
31) Naphthalene	7.95	128	476308	8.850	ng		96
32) Benzoic acid	7.67	122	55605	4.971	ng		97
33) 4-Chloroaniline	8.00	127	197751	7.960	ng		97
34) Hexachlorobutadiene	8.07	225	80054	7.631	ng		98
35) Caprolactam	8.33	113	41678	7.661	ng		98
36) 4-Chloro-3-methylphenol	8.48	107	133380	8.103	ng		94
37) 2-Methylnaphthalene	8.64	142	321943	8.968	ng		97
38) 1-Methylnaphthalene	8.74	142	303215	8.937	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	137855	8.320	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	41914	5.134	ng		98
43) 2,4,6-Trichlorophenol	8.92	196	90742	7.333	ng		97
44) 2,4,5-Trichlorophenol	8.96	196	100793	8.059	ng		95
46) 1,1'-Biphenyl	9.10	154	388677	8.649	ng		95
47) 2-Chloronaphthalene	9.12	162	297236	8.179	ng		98
48) 2-Nitroaniline	9.22	65	77095	7.177	ng		98
49) Acenaphthylene	9.53	152	477321	8.543	ng		97
50) Dimethylphthalate	9.40	163	333655	7.911	ng		100
51) 2,6-Dinitrotoluene	9.46	165	74155	7.751	ng	#	87
52) Acenaphthene	9.70	154	275556	8.620	ng		98
53) 3-Nitroaniline	9.62	138	86288	7.361	ng		99
54) 2,4-Dinitrophenol	9.73	184	22124	4.768	ng		91
55) Dibenzofuran	9.87	168	422520	8.770	ng		97
56) 4-Nitrophenol	9.79	139	54891	6.791	ng		90
57) 2,4-Dinitrotoluene	9.86	165	99511	8.172	ng		95
58) Fluorene	10.22	166	322199	9.144	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	80386	7.957	ng		100
60) Diethylphthalate	10.10	149	328674	8.150	ng		97
61) 4-Chlorophenyl-phenylether	10.22	204	153804	8.843	ng		94
62) 4-Nitroaniline	10.23	138	85462	7.252	ng		97
63) Azobenzene	10.37	77	294858	8.358	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	40838	6.568	ng		87
66) n-Nitrosodiphenylamine	10.33	169	281849	8.499	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	92959	7.804	ng		95
68) Hexachlorobenzene	10.77	284	103197	7.869	ng	#	90
69) Atrazine	10.86	200	85703	8.015	ng		98
70) Pentachlorophenol	10.96	266	44527	6.252	ng		99
71) Phenanthrene	11.17	178	495800	8.655	ng		97
72) Anthracene	11.22	178	502660	8.698	ng		98
73) Carbazole	11.37	167	446103	8.844	ng		97
74) Di-n-butylphthalate	11.72	149	523489	8.233	ng		97
75) Fluoranthene	12.35	202	510331	8.713	ng		98
77) Benzidine	12.47	184	238185	7.250	ng		98
78) Pyrene	12.57	202	522659	7.064	ng		98
80) Butylbenzylphthalate	13.20	149	219124	6.340	ng		95
81) Benzo(a)anthracene	13.76	228	459229	7.556	ng		98
82) 3,3'-Dichlorobenzidine	13.73	252	166740	7.155	ng		97
83) Chrysene	13.79	228	436847	7.228	ng		96
84) Bis(2-ethylhexyl)phthalate	13.77	149	279139	6.834	ng		100
85) Di-n-octyl phthalate	14.38	149	500074	7.110	ng		99
86) Indeno(1,2,3-cd)pyrene	16.44	276	346726	6.531	ng		99
88) Benzo(b)fluoranthene	14.76	252	389542	7.563	ng		99
89) Benzo(k)fluoranthene	14.79	252	401250	8.876	ng		98
90) Benzo(a)pyrene	15.09	252	357480	8.044	ng		100
91) Dibenzo(a,h)anthracene	16.46	278	289832	7.573	ng		99
92) Benzo(g,h,i)perylene	16.83	276	277158	7.101	ng		98

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

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