Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115847.D
Acq On : 30 Jul 2019 17:42
Operator : HP/JU
Sample : K3591-01
Misc : LOD-SOIL-8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT3-2019

Quant Time: Jul 31 04:38:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140470	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	564633	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	298134	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	519247	20.00	ng		0.00
76) Chrysene-d12	14.02	240	409818	20.00	ng		0.00
87) Perylene-d12	15.49	264	394844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	842491	100.40	ng		0.00
7) Phenol-d6	6.48	99	1053438	99.51	ng		0.00
23) Nitrobenzene-d5	7.42	82	791521	80.92	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	290792	100.60	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1320047	82.93	ng		0.00
79) Terphenyl-d14	12.96	244	1440139	74.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	35112	8.283	ng		100
3) Pyridine	3.41	79	74496	6.291	ng		98
4) n-Nitrosodimethylamine	3.30	42	35423	7.580	ng	#	93
6) Aniline	6.52	93	122869	8.104	ng		100
8) 2-Chlorophenol	6.64	128	77716	8.376	ng		97
9) Benzaldehyde	6.40	77	68204	9.337	ng		98
10) Phenol	6.49	94	108297	8.687	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	73328	8.000	ng		98
12) 1,3-Dichlorobenzene	6.79	146	87298	8.141	ng		98
13) 1,4-Dichlorobenzene	6.87	146	88496	8.242	ng		98
14) 1,2-Dichlorobenzene	7.02	146	81809	8.275	ng		100
15) Benzyl Alcohol	6.99	79	73627	9.164	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	98848	7.906	ng		99
17) 2-Methylphenol	7.10	107	65730	8.366	ng		99
18) Hexachloroethane	7.36	117	30477	7.710	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	55149	8.406	ng		96
20) 3+4-Methylphenols	7.26	107	84386	9.076	ng	#	56
22) Acetophenone	7.26	105	112146	9.056	ng	#	97
24) Nitrobenzene	7.43	77	89716	8.494	ng		99
25) Isophorone	7.66	82	149961	8.018	ng		96
26) 2-Nitrophenol	7.75	139	38080	7.649	ng		98
27) 2,4-Dimethylphenol	7.78	122	66425	8.868	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	92669	7.993	ng		99
29) 2,4-Dichlorophenol	7.99	162	64423	8.146	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	72215	8.010	ng		97
31) Naphthalene	8.15	128	237403	8.935	ng		99
32) Benzoic acid	7.86	122	22390	4.240	ng		99
33) 4-Chloroaniline	8.20	127	95247	8.023	ng		97
34) Hexachlorobutadiene	8.27	225	40264	7.754	ng		99
35) Caprolactam	8.54	113	19887	7.775	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	66221	8.048	ng		99
37) 2-Methylnaphthalene	8.85	142	156905	8.967	ng		97
38) 1-Methylnaphthalene	8.95	142	145845	8.810	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	68708	8.620	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	14177	4.551 ng		98
43) 2,4,6-Trichlorophenol	9.13	196	40795	7.436 ng		98
44) 2,4,5-Trichlorophenol	9.17	196	43771	7.718 ng		98
46) 1,1'-Biphenyl	9.31	154	192557	9.148 ng		98
47) 2-Chloronaphthalene	9.34	162	144528	8.250 ng		99
48) 2-Nitroaniline	9.43	65	42482	7.337 ng	#	83
49) Acenaphthylene	9.75	152	231264	9.049 ng		97
50) Dimethylphthalate	9.60	163	159895	7.877 ng		100
51) 2,6-Dinitrotoluene	9.67	165	35167	7.972 ng		92
52) Acenaphthene	9.93	154	136402	8.700 ng		99
53) 3-Nitroaniline	9.84	138	39375	7.224 ng		93
54) 2,4-Dinitrophenol	9.96	184	6349	3.389 ng		93
55) Dibenzofuran	10.10	168	206282	9.047 ng		100
56) 4-Nitrophenol	10.01	139	21099	6.042 ng		97
57) 2,4-Dinitrotoluene	10.07	165	44792	7.626 ng	#	87
58) Fluorene	10.44	166	161564	9.210 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	35591	7.460 ng		96
60) Diethylphthalate	10.31	149	154227	8.138 ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	75790	8.530 ng		95
62) 4-Nitroaniline	10.45	138	40530	7.195 ng		99
63) Azobenzene	10.59	77	167214	8.578 ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	15268	5.549 ng		95
66) n-Nitrosodiphenylamine	10.55	169	137721	8.812 ng		100
67) 4-Bromophenyl-phenylether	10.92	248	46009	8.277 ng		93
68) Hexachlorobenzene	10.99	284	51136	7.956 ng		95
69) Atrazine	11.07	200	40871	7.949 ng		99
70) Pentachlorophenol	11.19	266	16845	5.398 ng		99
71) Phenanthrene	11.40	178	240128	9.046 ng		98
72) Anthracene	11.46	178	245306	9.131 ng		97
73) Carbazole	11.61	167	216791	8.895 ng		97
74) Di-n-butylphthalate	11.94	149	226540	7.968 ng		98
75) Fluoranthene	12.59	202	246362	8.865 ng		98
77) Benzidine	12.71	184	95182	6.875 ng		98
78) Pyrene	12.82	202	256711	8.310 ng		99
80) Butylbenzylphthalate	13.43	149	87792	6.718 ng		93
81) Benzo(a)anthracene	14.01	228	213472	8.150 ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	73168	8.040 ng	#	97
83) Chrysene	14.04	228	210126	8.263 ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	120594	7.102 ng		99
85) Di-n-octyl phthalate	14.60	149	185770	6.887 ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	159940	7.488 ng		99
88) Benzo(b)fluoranthene	15.06	252	171547	7.514 ng		99
89) Benzo(k)fluoranthene	15.09	252	187868	8.448 ng		97
90) Benzo(a)pyrene	15.42	252	164178	8.045 ng		98
91) Dibenzo(a,h)anthracene	16.97	278	131731	7.457 ng		98
92) Benzo(g,h,i)perylene	17.40	276	127082	7.325 ng		98

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

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