Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115865.D
Acq On : 31 Jul 2019 14:52
Operator : HP/JU
Sample : K3591-03
Misc : MDL-SOIL-8PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:31 PM

Quant Time: Aug 01 09:16:58 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 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140839	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	550377	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	292726	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	507589	20.00	ng		0.00
76) Chrysene-d12	14.02	240	381225	20.00	ng		-0.01
87) Perylene-d12	15.49	264	354151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	842850	100.18	ng		0.00
7) Phenol-d6	6.48	99	1066117	100.44	ng		0.00
23) Nitrobenzene-d5	7.42	82	784446	82.27	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	279961	98.65	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1294837	82.85	ng		0.00
79) Terphenyl-d14	12.96	244	1383275	76.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	35465	8.344	ng		98
3) Pyridine	3.42	79	74908	6.309	ng		99
4) n-Nitrosodimethylamine	3.30	42	34851	7.438	ng	#	96
6) Aniline	6.52	93	124157	8.168	ng		99
8) 2-Chlorophenol	6.64	128	77041	8.281	ng		97
9) Benzaldehyde	6.40	77	68034	9.289	ng		96
10) Phenol	6.49	94	105180	8.415	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	73776	8.028	ng		96
12) 1,3-Dichlorobenzene	6.79	146	86792	8.073	ng		98
13) 1,4-Dichlorobenzene	6.87	146	87897	8.165	ng		99
14) 1,2-Dichlorobenzene	7.02	146	82328	8.306	ng		98
15) Benzyl Alcohol	6.99	79	70668	8.773	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	98212	7.835	ng		99
17) 2-Methylphenol	7.10	107	63553	8.068	ng		99
18) Hexachloroethane	7.36	117	30167	7.611	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	54783	8.329	ng		97
20) 3+4-Methylphenols	7.26	107	81782	8.773	ng	#	50
22) Acetophenone	7.26	105	110938	9.191	ng		97
24) Nitrobenzene	7.43	77	90366	8.777	ng		99
25) Isophorone	7.66	82	150583	8.259	ng		97
26) 2-Nitrophenol	7.75	139	36670	7.556	ng		97
27) 2,4-Dimethylphenol	7.78	122	64638	8.853	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	89908	7.956	ng		99
29) 2,4-Dichlorophenol	7.99	162	63322	8.214	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	71213	8.104	ng		100
31) Naphthalene	8.15	128	233285	9.007	ng		98
32) Benzoic acid	7.87	122	14202m	2.759	ng		
33) 4-Chloroaniline	8.20	127	94207	8.141	ng		98
34) Hexachlorobutadiene	8.27	225	39514	7.806	ng		99
35) Caprolactam	8.54	113	19603	7.862	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	64665	8.063	ng		99
37) 2-Methylnaphthalene	8.85	142	155235	9.101	ng		97
38) 1-Methylnaphthalene	8.95	142	143260	8.878	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	66489	8.496	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	11939	3.903	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	37648	6.989	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	42816	7.690	ng		98
46) 1,1'-Biphenyl	9.31	154	187473	9.071	ng		99
47) 2-Chloronaphthalene	9.34	162	142618	8.291	ng		99
48) 2-Nitroaniline	9.43	65	41813	7.354	ng	#	82
49) Acenaphthylene	9.75	152	222918	8.883	ng		99
50) Dimethylphthalate	9.60	163	158038	7.929	ng		99
51) 2,6-Dinitrotoluene	9.67	165	33362	7.702	ng		88
52) Acenaphthene	9.92	154	134533	8.739	ng		100
53) 3-Nitroaniline	9.84	138	37436	6.995	ng		90
55) Dibenzofuran	10.10	168	202491	9.045	ng		99
56) 4-Nitrophenol	10.02	139	16339	4.766	ng		93
57) 2,4-Dinitrotoluene	10.07	165	43574	7.556	ng		90
58) Fluorene	10.44	166	157507	9.144	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	34102	7.280	ng		97
60) Diethylphthalate	10.30	149	147920	7.949	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	73235	8.395	ng		95
62) 4-Nitroaniline	10.44	138	39934	7.220	ng		99
63) Azobenzene	10.59	77	160091	8.364	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	13112	4.875	ng		96
66) n-Nitrosodiphenylamine	10.54	169	130758	8.559	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	43090	7.930	ng		92
68) Hexachlorobenzene	10.99	284	49856	7.935	ng		99
69) Atrazine	11.07	200	38400	7.640	ng		97
70) Pentachlorophenol	11.19	266	13977	4.582	ng		93
71) Phenanthrene	11.40	178	230644	8.888	ng		99
72) Anthracene	11.45	178	235330	8.961	ng		100
73) Carbazole	11.61	167	204730	8.593	ng		98
74) Di-n-butylphthalate	11.94	149	207783	7.476	ng		98
75) Fluoranthene	12.59	202	231090	8.507	ng		98
77) Benzidine	12.71	184	95960	7.451	ng		99
78) Pyrene	12.82	202	244404	8.505	ng		97
80) Butylbenzylphthalate	13.43	149	79512	6.541	ng		98
81) Benzo(a)anthracene	14.01	228	195363	8.018	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	65952	7.791	ng		98
83) Chrysene	14.04	228	195178	8.251	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	105770	6.696	ng		97
85) Di-n-octyl phthalate	14.60	149	157413	6.274	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	141678	7.131	ng		99
88) Benzo(b)fluoranthene	15.06	252	155811	7.609	ng		99
89) Benzo(k)fluoranthene	15.09	252	169349m	8.491	ng		
90) Benzo(a)pyrene	15.42	252	145274	7.936	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	117833	7.437	ng		100
92) Benzo(g,h,i)perylene	17.40	276	115694	7.435	ng		98

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

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