Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115976.D
Acq On : 3 Aug 2019 12:50
Operator : HP/JU
Sample : IDOC BS-SOIL02-RC
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL02-RC

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:22 PM

Quant Time: Aug 05 01:48:55 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	142549	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	584003	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	319274	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	572679	20.00	ng		0.00
76) Chrysene-d12	14.03	240	410705	20.00	ng		0.00
87) Perylene-d12	15.50	264	365595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	988008	116.03	ng		0.02
7) Phenol-d6	6.49	99	1256782	116.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	838476	82.88	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	373247	120.58	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1467361	86.09	ng		0.00
79) Terphenyl-d14	12.97	244	1654867	84.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	177663	41.300	ng		99
3) Pyridine	3.45	79	459567	38.244	ng		97
4) n-Nitrosodimethylamine	3.40	42	202074	42.612	ng		100
6) Aniline	6.52	93	521006	33.863	ng		96
8) 2-Chlorophenol	6.65	128	432060	45.885	ng		98
9) Benzaldehyde	6.40	77	236985	31.970	ng		98
10) Phenol	6.50	94	550903	43.545	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	416250	44.751	ng		100
12) 1,3-Dichlorobenzene	6.79	146	464542	42.689	ng		96
13) 1,4-Dichlorobenzene	6.87	146	479618	44.018	ng		99
14) 1,2-Dichlorobenzene	7.02	146	437227	43.580	ng		98
15) Benzyl Alcohol	7.00	79	372306	45.664	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	554620	43.715	ng		96
17) 2-Methylphenol	7.11	107	367457	46.088	ng		99
18) Hexachloroethane	7.36	117	174042	43.385	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	299711	45.019	ng		99
20) 3+4-Methylphenols	7.26	107	434189	46.019	ng	#	88
22) Acetophenone	7.26	105	586370	45.782	ng		97
24) Nitrobenzene	7.43	77	492032	45.040	ng		99
25) Isophorone	7.67	82	887293	45.865	ng		100
26) 2-Nitrophenol	7.75	139	242071	47.008	ng		99
27) 2,4-Dimethylphenol	7.79	122	397431	51.299	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	541434	45.154	ng		99
29) 2,4-Dichlorophenol	8.00	162	382434	46.751	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	412399	44.227	ng		99
31) Naphthalene	8.16	128	1261206	45.892	ng		100
32) Benzoic acid	7.95	122	242563	44.408	ng		98
33) 4-Chloroaniline	8.20	127	340726	27.748	ng		99
34) Hexachlorobutadiene	8.27	225	230057	42.833	ng		99
35) Caprolactam	8.59	113	119455m	45.151	ng		
36) 4-Chloro-3-methylphenol	8.70	107	408973	48.058	ng		97
37) 2-Methylnaphthalene	8.85	142	850388	46.985	ng		100
38) 1-Methylnaphthalene	8.95	142	792071	46.259	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	388331	45.496	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	250818	66.533	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	258660	44.027	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	273406	45.019	ng		97
46) 1,1'-Biphenyl	9.32	154	1017212	45.128	ng		99
47) 2-Chloronaphthalene	9.35	162	814652	43.424	ng		99
48) 2-Nitroaniline	9.44	65	264066	42.584	ng		93
49) Acenaphthylene	9.76	152	1245572	45.509	ng		100
50) Dimethylphthalate	9.62	163	985423	45.330	ng		99
51) 2,6-Dinitrotoluene	9.68	165	218244	46.196	ng	#	85
52) Acenaphthene	9.93	154	739756	44.057	ng		100
53) 3-Nitroaniline	9.85	138	176611	30.255	ng		90
54) 2,4-Dinitrophenol	9.97	184	188885	78.745	ng		97
55) Dibenzofuran	10.10	168	1100442	45.066	ng		97
56) 4-Nitrophenol	10.03	139	329012	87.984	ng		97
57) 2,4-Dinitrotoluene	10.09	165	287054	45.637	ng		94
58) Fluorene	10.45	166	856236	45.576	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	229961	45.008	ng		99
60) Diethylphthalate	10.32	149	929918	45.818	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	432657	45.473	ng		99
62) 4-Nitroaniline	10.47	138	247343	41.001	ng		98
63) Azobenzene	10.60	77	958776	45.928	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	140778	46.388	ng		94
66) n-Nitrosodiphenylamine	10.56	169	781559	45.342	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	270444	44.114	ng		93
68) Hexachlorobenzene	11.00	284	301795	42.572	ng		95
69) Atrazine	11.09	200	252806	44.581	ng		99
70) Pentachlorophenol	11.20	266	302386	87.860	ng		98
71) Phenanthrene	11.41	178	1271400	43.427	ng		99
72) Anthracene	11.46	178	1334901	45.054	ng		99
73) Carbazole	11.62	167	1209141	44.981	ng		99
74) Di-n-butylphthalate	11.94	149	1447148	46.149	ng		100
75) Fluoranthene	12.60	202	1354686	44.199	ng		98
77) Benzidine	12.72	184	638703	46.032	ng		98
78) Pyrene	12.83	202	1383452	44.686	ng		100
80) Butylbenzylphthalate	13.44	149	628458	47.988	ng		99
81) Benzo(a)anthracene	14.02	228	1168919	44.529	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	340855	37.374	ng		99
83) Chrysene	14.06	228	1130543	44.360	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	868878	51.056	ng		100
85) Di-n-octyl phthalate	14.61	149	1405528	51.997	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	967246	45.188	ng		99
88) Benzo(b)fluoranthene	15.07	252	1109904	52.505	ng		98
89) Benzo(k)fluoranthene	15.10	252	957061	46.482	ng		99
90) Benzo(a)pyrene	15.44	252	956238	50.603	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	811702	49.624	ng		100
92) Benzo(g,h,i)perylene	17.43	276	791405	49.265	ng		99

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

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