Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115978.D
Acq On : 3 Aug 2019 13:43
Operator : HP/JU
Sample : IDOC BS-SOIL04-RC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC BS-SOIL04-RC

Manual Integrations APPROVED
mohammad
8/8/2019 4:45:27 PM

Quant Time: Aug 05 01:59:07 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	146416	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	610600	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	342997	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	606741	20.00	ng		0.00
76) Chrysene-d12	14.03	240	421117	20.00	ng		0.00
87) Perylene-d12	15.50	264	385382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1025720	117.28	ng		0.02
7) Phenol-d6	6.49	99	1311352	118.84	ng		0.00
23) Nitrobenzene-d5	7.42	82	876993	82.91	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	391446	117.71	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1539817	84.09	ng		0.00
79) Terphenyl-d14	12.97	244	1741845	87.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	178201	40.331	ng		98
3) Pyridine	3.46	79	455099	36.872	ng		98
4) n-Nitrosodimethylamine	3.41	42	207118	42.522	ng		98
6) Aniline	6.52	93	541242	34.249	ng		96
8) 2-Chlorophenol	6.65	128	450402	46.570	ng		98
9) Benzaldehyde	6.40	77	250330	32.878	ng		99
10) Phenol	6.50	94	578952	44.553	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	435536	45.588	ng		99
12) 1,3-Dichlorobenzene	6.79	146	485653	43.450	ng		97
13) 1,4-Dichlorobenzene	6.87	146	492901	44.043	ng		100
14) 1,2-Dichlorobenzene	7.02	146	454208	44.077	ng		98
15) Benzyl Alcohol	7.00	79	388016	46.334	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	580579	44.553	ng		95
17) 2-Methylphenol	7.11	107	386240	47.164	ng		99
18) Hexachloroethane	7.36	117	183178	44.456	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	315609	46.155	ng		100
20) 3+4-Methylphenols	7.26	107	454600	46.909	ng	#	88
22) Acetophenone	7.26	105	612427	45.733	ng		97
24) Nitrobenzene	7.43	77	515296	45.115	ng		100
25) Isophorone	7.67	82	948529	46.894	ng		100
26) 2-Nitrophenol	7.75	139	257144	47.760	ng		100
27) 2,4-Dimethylphenol	7.79	122	422296	52.134	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	576947	46.020	ng		99
29) 2,4-Dichlorophenol	8.00	162	408997	47.821	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	430450	44.152	ng		98
31) Naphthalene	8.16	128	1320949	45.972	ng		100
32) Benzoic acid	7.95	122	262719	46.003	ng		99
33) 4-Chloroaniline	8.20	127	372265	28.996	ng		100
34) Hexachlorobutadiene	8.27	225	241134	42.940	ng		100
35) Caprolactam	8.59	113	128735m	46.539	ng		
36) 4-Chloro-3-methylphenol	8.70	107	437671	49.190	ng		97
37) 2-Methylnaphthalene	8.85	142	898602	47.486	ng		99
38) 1-Methylnaphthalene	8.95	142	851319	47.553	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	404852	44.151	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	282619	69.494	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	274406	43.476	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	294318	45.111	ng		97
46) 1,1'-Biphenyl	9.32	154	1086345	44.862	ng		100
47) 2-Chloronaphthalene	9.35	162	862527	42.796	ng		99
48) 2-Nitroaniline	9.44	65	282155	42.354	ng		91
49) Acenaphthylene	9.76	152	1323425	45.009	ng		100
50) Dimethylphthalate	9.62	163	1065859	45.639	ng		99
51) 2,6-Dinitrotoluene	9.69	165	237939	46.882	ng		97
52) Acenaphthene	9.93	154	789522	43.768	ng		99
53) 3-Nitroaniline	9.85	138	191548	30.544	ng		90
54) 2,4-Dinitrophenol	9.97	184	206400	79.962	ng		98
55) Dibenzofuran	10.10	168	1168412	44.540	ng		97
56) 4-Nitrophenol	10.03	139	353832	88.077	ng		93
57) 2,4-Dinitrotoluene	10.09	165	305572	45.221	ng		90
58) Fluorene	10.45	166	903984	44.790	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	247878	45.159	ng		99
60) Diethylphthalate	10.32	149	1014815	46.542	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	464534	45.446	ng		98
62) 4-Nitroaniline	10.47	138	266993	41.197	ng		99
63) Azobenzene	10.60	77	1036399	46.212	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	154770	48.135	ng		97
66) n-Nitrosodiphenylamine	10.56	169	841082	46.056	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	291168	44.829	ng		94
68) Hexachlorobenzene	11.00	284	325774	43.375	ng		96
69) Atrazine	11.09	200	274739	45.729	ng		99
70) Pentachlorophenol	11.20	266	317721	87.133	ng		98
71) Phenanthrene	11.41	178	1357749	43.773	ng		99
72) Anthracene	11.46	178	1417601	45.159	ng		99
73) Carbazole	11.62	167	1268024	44.524	ng		100
74) Di-n-butylphthalate	11.94	149	1554524	46.791	ng		99
75) Fluoranthene	12.60	202	1439569	44.332	ng		98
77) Benzidine	12.72	184	699965	49.199	ng		98
78) Pyrene	12.83	202	1463296	46.096	ng		100
80) Butylbenzylphthalate	13.44	149	654967	48.776	ng		98
81) Benzo(a)anthracene	14.02	228	1209278	44.927	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	340940	36.459	ng	#	99
83) Chrysene	14.06	228	1174435	44.943	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	902992	51.748	ng		99
85) Di-n-octyl phthalate	14.61	149	1451708	52.377	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	962070	43.835	ng		99
88) Benzo(b)fluoranthene	15.07	252	1120678m	50.292	ng		
89) Benzo(k)fluoranthene	15.10	252	1011621	46.610	ng		98
90) Benzo(a)pyrene	15.44	252	997910	50.097	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	807917	46.856	ng		99
92) Benzo(g,h,i)perylene	17.43	276	780528	46.093	ng		99

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

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