Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100730.D
Acq On : 20 Nov 2017 15:10
Operator : SJ/JU
Sample : IDOC-SOIL-04
Misc : For Mohd. Jabed
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-SOIL-04

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:14 PM

Quant Time: Nov 21 03:46:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	87363	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	344401	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	160731	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	304067	20.00	ng		0.00
75) Chrysene-d12	14.03	240	163482	20.00	ng		-0.01
86) Perylene-d12	15.50	264	174309	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	566353	103.92	ng		0.00
7) Phenol-d6	6.50	99	680654	101.28	ng		0.00
23) Nitrobenzene-d5	7.43	82	422945	81.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	187589	114.53	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	890010	84.32	ng		-0.01
78) Terphenyl-d14	12.98	244	715838	100.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	74727	28.136	ng		95
3) Pyridine	3.50	79	208737	28.807	ng		96
4) n-Nitrosodimethylamine	3.46	42	98804	28.084	ng	#	95
6) Aniline	6.53	93	106331	11.199	ng		99
8) 2-Chlorophenol	6.66	128	206875	35.881	ng		98
9) Benzaldehyde	6.42	77	82104	17.107	ng		93
10) Phenol	6.52	94	243326	34.489	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	187475	31.636	ng		99
12) 1,3-Dichlorobenzene	6.81	146	237607	35.745	ng		96
13) 1,4-Dichlorobenzene	6.89	146	237479	35.298	ng		98
14) 1,2-Dichlorobenzene	7.04	146	223411	35.915	ng		98
15) Benzyl Alcohol	7.01	79	177449	33.831	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	330886	34.911	ng		98
17) 2-Methylphenol	7.12	107	176026	35.726	ng		98
18) Hexachloroethane	7.38	117	77415	34.899	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	139294	29.887	ng		96
20) 3+4-Methylphenols	7.27	107	214156	34.348	ng	#	88
22) Acetophenone	7.28	105	275994	32.864	ng	#	98
24) Nitrobenzene	7.45	77	207343	38.672	ng		98
25) Isophorone	7.69	82	382528	34.944	ng		98
26) 2-Nitrophenol	7.77	139	114988	45.995	ng		92
27) 2,4-Dimethylphenol	7.80	122	193820	39.497	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	242876	33.919	ng		99
29) 2,4-Dichlorophenol	8.01	162	184754	39.438	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	191912	37.872	ng		95
31) Naphthalene	8.17	128	602761	36.337	ng		100
32) Benzoic acid	7.89	122	54437m	21.029	ng		
33) 4-Chloroaniline	8.22	127	60969	8.830	ng		96
34) Hexachlorobutadiene	8.29	225	110027	36.518	ng		98
35) Caprolactam	8.59	113	50286m	31.278	ng		
36) 4-Chloro-3-methylphenol	8.70	107	182070	36.187	ng		95
37) 2-Methylnaphthalene	8.87	142	417300	37.892	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	196042	36.776	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	166708	66.448	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	135450	40.092	ng		96
43) 2,4,5-Trichlorophenol	9.19	196	136288	38.935	ng	#	89
45) 1,1'-Biphenyl	9.33	154	494589	35.578	ng		98
46) 2-Chloronaphthalene	9.36	162	389239	38.596	ng		96
47) 2-Nitroaniline	9.45	65	110693	37.775	ng		98
48) Acenaphthylene	9.77	152	588823	35.231	ng		99
49) Dimethylphthalate	9.63	163	440806	35.920	ng		100
50) 2,6-Dinitrotoluene	9.69	165	99711	41.047	ng		91
51) Acenaphthene	9.95	154	362637	35.676	ng		99
52) 3-Nitroaniline	9.86	138	51464	17.941	ng		99
53) 2,4-Dinitrophenol	9.97	184	34089	43.100	ng	#	10
54) Dibenzofuran	10.12	168	523251	36.728	ng		98
55) 4-Nitrophenol	10.02	139	138583	59.499	ng		88
56) 2,4-Dinitrotoluene	10.10	165	127088	41.471	ng	#	88
57) Fluorene	10.46	166	402128	38.531	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	108938	37.973	ng	#	84
59) Diethylphthalate	10.33	149	421557	34.326	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	195447	38.175	ng	#	87
61) 4-Nitroaniline	10.47	138	92118	33.868	ng		88
62) Azobenzene	10.61	77	380040	32.857	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	37474	28.621	ng		75
65) n-Nitrosodiphenylamine	10.57	169	371736	35.160	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	124166	38.093	ng	#	85
67) Hexachlorobenzene	11.00	284	130430	38.259	ng	#	90
68) Atrazine	11.09	200	116046	36.260	ng		97
69) Pentachlorophenol	11.20	266	110637	45.259	ng		99
70) Phenanthrene	11.42	178	586738	36.649	ng		99
71) Anthracene	11.47	178	604773	37.234	ng		99
72) Carbazole	11.63	167	508164	33.907	ng		99
73) Di-n-butylphthalate	11.95	149	638586	36.411	ng		99
74) Fluoranthene	12.61	202	564958	33.297	ng		96
76) Benzidine	12.73	184	107067	16.353	ng		97
77) Pyrene	12.84	202	553014	47.454	ng		98
79) Butylbenzylphthalate	13.45	149	209300	44.040	ng		90
80) Benzo(a)anthracene	14.02	228	377476	38.343	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	65141	18.468	ng		97
82) Chrysene	14.06	228	353121	37.040	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	259713	41.549	ng		99
84) Di-n-octyl phthalate	14.62	149	383353	35.700	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	453390	58.797	ng		95
87) Benzo(b)fluoranthene	15.07	252	353484	34.230	ng		97
88) Benzo(k)fluoranthene	15.10	252	348026m	35.668	ng		
89) Benzo(a)pyrene	15.44	252	355975	38.882	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	370643	49.504	ng		97
91) Benzo(g,h,i)perylene	17.44	276	390918	53.338	ng	#	93

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

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