Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080227.D
Acq On : 30 Jun 2015 3:12
Operator : TP/IZ
Sample : G2819-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

Quant Time: Jun 30 12:08:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31309	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	119542	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	61881	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	118179	20.00	ng		-0.05
75) Chrysene-d12	14.72	240	127515	20.00	ng		-0.27
86) Perylene-d12	16.53	264	127248	20.00	ng		-0.40
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	277482	156.88	ng		-0.02
7) Phenol-d6	6.90	99	386725	164.31	ng		-0.02
23) Nitrobenzene-d5	7.85	82	241712	117.71	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	90654	149.82	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	424212	97.76	ng		-0.03
78) Terphenyl-d14	13.50	244	475801	87.14	ng		-0.17
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	32336	38.46	ng		87
3) Pyridine	3.97	79	117628	52.61	ng		86
4) n-Nitrosodimethylamine	3.89	42	50956	47.96	ng		95
6) Aniline	6.95	93	143771	44.40	ng		94
8) 2-Chlorophenol	7.08	128	104137	50.94	ng		83
9) Benzaldehyde	6.84	77	49783	36.64	ng	#	68
10) Phenol	6.92	94	147714	57.51	ng		73
11) bis(2-Chloroethyl)ether	7.02	93	102199	50.15	ng		89
12) 1,3-Dichlorobenzene	7.24	146	117494m	47.85	ng		
13) 1,4-Dichlorobenzene	7.32	146	130009	55.67	ng		96
14) 1,2-Dichlorobenzene	7.48	146	112804	49.64	ng		96
15) Benzyl Alcohol	7.42	79	93226	48.44	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	7.57	45	175137	57.90	ng		84
17) 2-Methylphenol	7.53	107	92343	52.88	ng	#	89
18) Hexachloroethane	7.82	117	39799	51.18	ng	#	80
19) n-Nitroso-di-n-propylamine	7.69	70	85438	52.29	ng	#	75
20) 3+4-Methylphenols	7.68	107	119102	52.85	ng		90
22) Acetophenone	7.69	105	143931	51.67	ng	#	80
24) Nitrobenzene	7.88	77	116060	54.76	ng	#	76
25) Isophorone	8.10	82	199505	48.28	ng	#	82
26) 2-Nitrophenol	8.20	139	56898	64.14	ng	#	74
27) 2,4-Dimethylphenol	8.22	122	110341	59.65	ng	#	82
28) bis(2-Chloroethoxy)methane	8.31	93	125672	51.76	ng	#	90
29) 2,4-Dichlorophenol	8.44	162	98501	62.18	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	107268	59.62	ng		100
31) Naphthalene	8.61	128	312399m	49.98	ng		
33) 4-Chloroaniline	8.65	127	95851	35.83	ng	#	97
34) Hexachlorobutadiene	8.73	225	55824	50.39	ng		99
35) Caprolactam	8.98	113	27670	53.81	ng		98
36) 4-Chloro-3-methylphenol	9.12	107	95311	53.34	ng		90
37) 2-Methylnaphthalene	9.30	142	227879	56.37	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	102805	57.09	ng		97
40) Hexachlorocyclopentadiene	9.46	237	62015	67.95	ng		98
42) 2,4,6-Trichlorophenol	9.58	196	66012	53.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.61	196	66968	47.44	ng	#	87
45) 1,1'-Biphenyl	9.76	154	254867	50.62	ng		93
46) 2-Chloronaphthalene	9.80	162	211462	51.76	ng		95
47) 2-Nitroaniline	9.88	65	58816	52.45	ng	#	54
48) Acenaphthylene	10.22	152	354276	51.96	ng		97
49) Dimethylphthalate	10.06	163	315237	67.76	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	48830	52.36	ng	#	42
51) Acenaphthene	10.39	154	202468	48.54	ng		90
52) 3-Nitroaniline	10.29	138	50042	46.50	ng	#	45
53) 2,4-Dinitrophenol	10.40	184	6341	21.32	ng	#	1
54) Dibenzofuran	10.56	168	305607	51.63	ng	#	89
55) 4-Nitrophenol	10.44	139	61029	70.95	ng	#	33
56) 2,4-Dinitrotoluene	10.53	165	70287	59.39	ng	#	83
57) Fluorene	10.92	166	239245	50.94	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	51710	43.39	ng		96
59) Diethylphthalate	10.76	149	226831	48.42	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	114655	50.80	ng	#	88
61) 4-Nitroaniline	10.90	138	54500	49.04	ng	#	49
62) Azobenzene	11.05	77	233987	49.07	ng		88
64) 4,6-Dinitro-2-methylphenol	10.94	198	13874	28.18	ng		87
65) n-Nitrosodiphenylamine	11.01	169	209618	54.47	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	66129	52.63	ng	#	82
67) Hexachlorobenzene	11.48	284	71297	51.05	ng	#	77
68) Atrazine	11.53	200	66008	54.29	ng		85
69) Pentachlorophenol	11.66	266	57969	73.25	ng		100
70) Phenanthrene	11.89	178	381563	53.33	ng		97
71) Anthracene	11.93	178	365298	53.03	ng		98
72) Carbazole	12.08	167	322064	48.97	ng		96
73) Di-n-butylphthalate	12.41	149	361653	47.59	ng		99
74) Fluoranthene	13.11	202	387610	50.87	ng		95
76) Benzidine	13.22	184	279093	78.30	ng		98
77) Pyrene	13.36	202	408393	52.02	ng		97
79) Butylbenzylphthalate	14.02	149	170444	54.06	ng		98
80) Benzo(a)anthracene	14.71	228	402291	51.79	ng		97
81) 3,3'-Dichlorobenzidine	14.65	252	152030	56.74	ng	#	94
82) Chrysene	14.76	228	366775	51.20	ng		95
83) Bis(2-ethylhexyl)phthalate	14.68	149	248657	49.90	ng	#	93
84) Di-n-octyl phthalate	15.44	149	412707	48.33	ng	#	94
85) Indeno(1,2,3-cd)pyrene	18.35	276	447844	49.58	ng	#	89
87) Benzo(b)fluoranthene	16.00	252	385538	50.04	ng	#	86
88) Benzo(k)fluoranthene	16.04	252	401377	51.16	ng	#	87
89) Benzo(a)pyrene	16.45	252	394536	53.92	ng	#	88
90) Dibenzo(a,h)anthracene	18.37	278	375445	50.13	ng	#	83
91) Benzo(g,h,i)perylene	18.91	276	381146	50.41	ng	#	76

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

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