Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080213.D
Acq On : 29 Jun 2015 18:35
Operator : TP/IZ
Sample : G2813-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-STOCKPILE-TMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:18:49 PM

Quant Time: Jun 30 11:06:14 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	31181	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	121111	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	62485	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	125020	20.00	ng		-0.05
75) Chrysene-d12	14.87	240	133958	20.00	ng		-0.13
86) Perylene-d12	16.76	264	131547	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	211568	120.11	ng		-0.03
7) Phenol-d6	6.90	99	268837	114.69	ng		-0.02
23) Nitrobenzene-d5	7.85	82	195897	94.16	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	87657	143.46	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	368556	84.12	ng		-0.03
78) Terphenyl-d14	13.58	244	501511	87.44	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	24161	28.86	ng		86
3) Pyridine	4.00	79	51455	23.11	ng	#	83
4) n-Nitrosodimethylamine	3.89	42	35871	33.90	ng		96
6) Aniline	6.95	93	70472	21.85	ng		94
8) 2-Chlorophenol	7.08	128	85068	41.79	ng		87
9) Benzaldehyde	6.84	77	49152	36.32	ng	#	68
10) Phenol	6.92	94	95114	37.18	ng		85
11) bis(2-Chloroethyl)ether	7.02	93	79622	39.23	ng		85
12) 1,3-Dichlorobenzene	7.24	146	92904	37.99	ng	#	90
13) 1,4-Dichlorobenzene	7.32	146	97308	41.84	ng		96
14) 1,2-Dichlorobenzene	7.46	146	85828m	37.92	ng		
15) Benzyl Alcohol	7.42	79	76901	40.12	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	134919	44.79	ng		89
17) 2-Methylphenol	7.53	107	65970	37.94	ng	#	89
18) Hexachloroethane	7.82	117	31637	40.85	ng	#	79
19) n-Nitroso-di-n-propylamine	7.69	70	62475	38.39	ng	#	76
20) 3+4-Methylphenols	7.68	107	92023	41.00	ng		91
22) Acetophenone	7.69	105	124496	44.11	ng	#	83
24) Nitrobenzene	7.88	77	89919	41.88	ng	#	79
25) Isophorone	8.10	82	168906	40.34	ng	#	83
26) 2-Nitrophenol	8.20	139	44153	49.13	ng	#	80
27) 2,4-Dimethylphenol	8.22	122	82873	44.22	ng	#	83
28) bis(2-Chloroethoxy)methane	8.31	93	110194	44.80	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	78482	48.90	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	84404	46.31	ng		98
31) Naphthalene	8.61	128	263113m	41.55	ng		
32) Benzoic acid	8.28	122	34020	30.02	ng	#	61
33) 4-Chloroaniline	8.64	127	47900	17.68	ng	#	82
34) Hexachlorobutadiene	8.73	225	43702	38.94	ng		98
35) Caprolactam	8.98	113	20012	38.42	ng		98
36) 4-Chloro-3-methylphenol	9.12	107	75556	41.74	ng		94
37) 2-Methylnaphthalene	9.30	142	195021	47.61	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	86644	47.65	ng		97
40) Hexachlorocyclopentadiene	9.46	237	66486	71.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	58969	47.66	ng		98
43) 2,4,5-Trichlorophenol	9.61	196	59945	42.05	ng	#	90
45) 1,1'-Biphenyl	9.76	154	218524	42.98	ng		92
46) 2-Chloronaphthalene	9.80	162	183736	44.54	ng		96
47) 2-Nitroaniline	9.88	65	50524	44.62	ng	#	59
48) Acenaphthylene	10.22	152	308203	44.76	ng		98
49) Dimethylphthalate	10.06	163	202320	43.07	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	44035	46.76	ng	#	56
51) Acenaphthene	10.39	154	195081	46.32	ng		92
52) 3-Nitroaniline	10.29	138	35342	32.53	ng	#	54
53) 2,4-Dinitrophenol	10.40	184	35730	92.25	ng	#	36
54) Dibenzofuran	10.56	168	263660	44.12	ng	#	88
55) 4-Nitrophenol	10.44	139	66977	77.12	ng	#	44
56) 2,4-Dinitrotoluene	10.53	165	66168	55.37	ng	#	86
57) Fluorene	10.92	166	204563	43.14	ng		90
58) 2,3,4,6-Tetrachlorophenol	10.68	232	51083	42.45	ng		98
59) Diethylphthalate	10.76	149	195545	41.34	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	103949	45.61	ng		91
61) 4-Nitroaniline	10.90	138	48378	43.11	ng	#	50
62) Azobenzene	11.05	77	207575	43.11	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	25149	41.97	ng		88
65) n-Nitrosodiphenylamine	11.01	169	184049	45.21	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	60820	45.75	ng	#	85
67) Hexachlorobenzene	11.48	284	67725	45.84	ng	#	80
68) Atrazine	11.53	200	56732	44.11	ng		84
69) Pentachlorophenol	11.66	266	66817	79.81	ng		100
70) Phenanthrene	11.89	178	322856	42.66	ng		96
71) Anthracene	11.94	178	338514	46.45	ng		98
72) Carbazole	12.09	167	292841	42.09	ng		96
73) Di-n-butylphthalate	12.42	149	320114	39.82	ng	#	98
74) Fluoranthene	13.17	202	363473	45.09	ng		88
76) Benzidine	13.28	184	188811	50.42	ng	#	98
77) Pyrene	13.42	202	371897	45.09	ng		97
79) Butylbenzylphthalate	14.13	149	142546	43.04	ng	#	83
80) Benzo(a)anthracene	14.86	228	376517	46.14	ng		97
81) 3,3'-Dichlorobenzidine	14.80	252	111095	39.47	ng	#	94
82) Chrysene	14.91	228	340404	45.23	ng		95
83) Bis(2-ethylhexyl)phthalate	14.84	149	212389	40.57	ng	#	95
84) Di-n-octyl phthalate	15.66	149	350458	39.07	ng		96
85) Indeno(1,2,3-cd)pyrene	18.61	276	404041	42.58	ng	#	88
87) Benzo(b)fluoranthene	16.22	252	368659	46.29	ng	#	89
88) Benzo(k)fluoranthene	16.27	252	360470	44.45	ng	#	86
89) Benzo(a)pyrene	16.68	252	358834	47.44	ng	#	89
90) Dibenzo(a,h)anthracene	18.63	278	340692	44.01	ng	#	81
91) Benzo(g,h,i)perylene	19.16	276	344497	44.07	ng	#	76

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

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