Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080212.D
Acq On : 29 Jun 2015 18:06
Operator : TP/IZ
Sample : G2813-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:18:51 PM

Quant Time: Jun 30 10:58:34 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	28830	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	113771	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	58269	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	118223	20.00	ng		-0.05
75) Chrysene-d12	14.87	240	119650	20.00	ng		-0.13
86) Perylene-d12	16.77	264	123467	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	214619	131.78	ng		-0.03
7) Phenol-d6	6.90	99	281074	129.69	ng		-0.02
23) Nitrobenzene-d5	7.85	82	203160	103.96	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	90119	158.16	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	388882	95.18	ng		-0.03
78) Terphenyl-d14	13.57	244	501727	97.93	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	21695	28.03	ng		89
3) Pyridine	4.01	79	41263	20.04	ng	#	83
4) n-Nitrosodimethylamine	3.89	42	37284	38.11	ng		97
6) Aniline	6.95	93	43964	14.74	ng		95
8) 2-Chlorophenol	7.08	128	85291	45.31	ng		89
9) Benzaldehyde	6.84	77	53851	43.04	ng	#	70
10) Phenol	6.92	94	100609	42.54	ng		86
11) bis(2-Chloroethyl)ether	7.01	93	77153	41.12	ng		95
12) 1,3-Dichlorobenzene	7.24	146	90754	40.13	ng	#	92
13) 1,4-Dichlorobenzene	7.32	146	94163	43.79	ng		96
14) 1,2-Dichlorobenzene	7.46	146	85786m	40.99	ng		
15) Benzyl Alcohol	7.42	79	75601	42.66	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	133951	48.09	ng		89
17) 2-Methylphenol	7.53	107	68210	42.42	ng	#	89
18) Hexachloroethane	7.82	117	31185	43.55	ng	#	79
19) n-Nitroso-di-n-propylamine	7.69	70	62984	41.86	ng	#	77
20) 3+4-Methylphenols	7.68	107	96304	46.41	ng		91
22) Acetophenone	7.69	105	124879	47.10	ng	#	83
24) Nitrobenzene	7.88	77	90333	44.78	ng	#	80
25) Isophorone	8.10	82	173986	44.24	ng	#	84
26) 2-Nitrophenol	8.20	139	43546	51.58	ng	#	78
27) 2,4-Dimethylphenol	8.22	122	85211	48.40	ng	#	84
28) bis(2-Chloroethoxy)methane	8.31	93	109365	47.33	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	82680	54.84	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	83982	49.05	ng		98
31) Naphthalene	8.61	128	267208m	44.92	ng		
32) Benzoic acid	8.28	122	41531	39.02	ng	#	61
33) 4-Chloroaniline	8.64	127	30927	12.15	ng	#	81
34) Hexachlorobutadiene	8.73	225	44720	42.42	ng		97
35) Caprolactam	8.98	113	21823	44.59	ng		99
36) 4-Chloro-3-methylphenol	9.12	107	78001	45.87	ng		94
37) 2-Methylnaphthalene	9.30	142	197559	51.34	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	88466	52.17	ng		97
40) Hexachlorocyclopentadiene	9.46	237	65752	75.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	61954	53.70	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	61462	46.24	ng	#	90
45) 1,1'-Biphenyl	9.76	154	222154	46.86	ng		93
46) 2-Chloronaphthalene	9.80	162	184129	47.87	ng		96
47) 2-Nitroaniline	9.88	65	51061	48.36	ng	#	57
48) Acenaphthylene	10.22	152	316824	49.35	ng		97
49) Dimethylphthalate	10.06	163	215069	49.09	ng	#	96
50) 2,6-Dinitrotoluene	10.12	165	43215	49.21	ng	#	49
51) Acenaphthene	10.39	154	198157	50.45	ng		91
52) 3-Nitroaniline	10.29	138	27273	26.92	ng	#	52
53) 2,4-Dinitrophenol	10.40	184	35544	98.02	ng	#	29
54) Dibenzofuran	10.56	168	272267	48.85	ng	#	88
55) 4-Nitrophenol	10.44	139	67166	82.93	ng	#	38
56) 2,4-Dinitrotoluene	10.53	165	67895	60.92	ng	#	85
57) Fluorene	10.92	166	211725	47.88	ng		89
58) 2,3,4,6-Tetrachlorophenol	10.68	232	52305	46.61	ng		99
59) Diethylphthalate	10.76	149	208637	47.30	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	104114	48.99	ng	#	89
61) 4-Nitroaniline	10.90	138	48543	46.39	ng	#	51
62) Azobenzene	11.05	77	214565	47.78	ng		87
64) 4,6-Dinitro-2-methylphenol	10.94	198	24966	43.49	ng		86
65) n-Nitrosodiphenylamine	11.01	169	190558	49.50	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	62011	49.33	ng	#	85
67) Hexachlorobenzene	11.48	284	68336	48.91	ng	#	78
68) Atrazine	11.53	200	56600	46.54	ng		83
69) Pentachlorophenol	11.66	266	68269	86.23	ng		99
70) Phenanthrene	11.89	178	331870	46.37	ng		97
71) Anthracene	11.94	178	350435	50.85	ng		98
72) Carbazole	12.09	167	303466	46.12	ng		96
73) Di-n-butylphthalate	12.42	149	363464	47.81	ng	#	99
74) Fluoranthene	13.16	202	345455	45.32	ng		93
76) Benzidine	13.28	184	88637	26.50	ng		97
77) Pyrene	13.42	202	370021	50.23	ng		96
79) Butylbenzylphthalate	14.13	149	145480	49.18	ng		96
80) Benzo(a)anthracene	14.85	228	351365	48.20	ng		96
81) 3,3'-Dichlorobenzidine	14.80	252	75749	30.13	ng	#	92
82) Chrysene	14.91	228	331705	49.35	ng		95
83) Bis(2-ethylhexyl)phthalate	14.84	149	208489	44.59	ng		95
84) Di-n-octyl phthalate	15.66	149	335451	41.87	ng		96
85) Indeno(1,2,3-cd)pyrene	18.61	276	411805	48.58	ng	#	88
87) Benzo(b)fluoranthene	16.23	252	396674	53.06	ng	#	87
88) Benzo(k)fluoranthene	16.27	252	315387	41.43	ng	#	88
89) Benzo(a)pyrene	16.69	252	351226	49.47	ng	#	88
90) Dibenzo(a,h)anthracene	18.63	278	344602	47.42	ng	#	83
91) Benzo(g,h,i)perylene	19.17	276	349614	47.65	ng	#	76

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

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