Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112916\
Data File : BF091333.D
Acq On : 29 Nov 2016 18:09
Operator : UM/SJ
Sample : H5696-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGSMSD

Manual Integrations APPROVED
sohil
11/30/2016 10:33:53 AM

Quant Time: Nov 30 00:52:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187641	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	719494	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	422447	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	638125	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	367467	20.00	ng		-0.03
86) Perylene-d12	15.44	264	188140	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1295256	112.77	ng		0.02
7) Phenol-d6	6.50	99	1518053	107.36	ng		0.00
23) Nitrobenzene-d5	7.43	82	1024276	79.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	494044	123.53	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2051456	87.93	ng		0.00
78) Terphenyl-d14	12.97	244	1788855	105.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	160745	30.94	ng		87
3) Pyridine	3.33	79	253655	17.25	ng	#	85
4) n-Nitrosodimethylamine	3.26	42	295685	38.32	ng		98
6) Aniline	6.61	93	524388m	27.92	ng		
8) 2-Chlorophenol	6.65	128	494809	39.29	ng		86
10) Phenol	6.52	94	633715	38.09	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	524975	44.16	ng		98
12) 1,3-Dichlorobenzene	6.81	146	497794	35.53	ng		96
13) 1,4-Dichlorobenzene	6.88	146	481974	34.59	ng		95
14) 1,2-Dichlorobenzene	7.04	146	510522	39.33	ng		94
15) Benzyl Alcohol	7.01	79	330700	29.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1016828	39.78	ng		74
17) 2-Methylphenol	7.12	107	390100	39.19	ng	#	76
18) Hexachloroethane	7.38	117	191209	38.65	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	365422	41.02	ng	#	97
20) 3+4-Methylphenols	7.28	107	485919	39.98	ng	#	45
22) Acetophenone	7.28	105	683092	40.06	ng	#	88
24) Nitrobenzene	7.45	77	590737	44.94	ng	#	83
25) Isophorone	7.69	82	1004346	44.16	ng		98
26) 2-Nitrophenol	7.76	139	241084	40.25	ng		97
27) 2,4-Dimethylphenol	7.81	122	480891	42.91	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	565770	41.32	ng		99
29) 2,4-Dichlorophenol	8.01	162	426319	43.25	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	464454	42.03	ng		98
31) Naphthalene	8.17	128	1446107	42.29	ng		99
32) Benzoic acid	7.92	122	298794	36.17	ng		97
34) Hexachlorobutadiene	8.30	225	282171	41.52	ng		99
35) Caprolactam	8.58	113	96125m	33.93	ng		
36) 4-Chloro-3-methylphenol	8.70	107	427182	40.14	ng		99
37) 2-Methylnaphthalene	8.87	142	1002874	43.17	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	410108	34.44	ng		100
40) Hexachlorocyclopentadiene	9.02	237	512650	92.87	ng		99
42) 2,4,6-Trichlorophenol	9.14	196	320459m	41.40	ng		
43) 2,4,5-Trichlorophenol	9.19	196	327064m	42.17	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.33	154	1091907	35.95	ng		98
46) 2-Chloronaphthalene	9.35	162	847241	37.45	ng		97
47) 2-Nitroaniline	9.44	65	256869	31.61	ng	#	74
48) Acenaphthylene	9.77	152	1393287	39.12	ng		99
49) Dimethylphthalate	9.64	163	1117952	43.71	ng		98
50) 2,6-Dinitrotoluene	9.69	165	267010	46.70	ng	#	68
51) Acenaphthene	9.94	154	1054288	43.89	ng		94
52) 3-Nitroaniline	9.85	138	37891	5.73	ng		100
53) 2,4-Dinitrophenol	9.97	184	248707	99.48	ng	#	68
54) Dibenzofuran	10.12	168	1362692	42.37	ng		93
55) 4-Nitrophenol	10.01	139	261258	54.66	ng		100
56) 2,4-Dinitrotoluene	10.09	165	336983	45.44	ng	#	82
57) Fluorene	10.46	166	996041	40.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	282281	42.62	ng		96
59) Diethylphthalate	10.33	149	1055618	41.81	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	470652	38.01	ng	#	88
61) 4-Nitroaniline	10.46	138	92582	14.90	ng		91
62) Azobenzene	10.61	77	1098443	42.63	ng		91
64) 4,6-Dinitro-2-methylphenol	10.49	198	154566	43.97	ng	#	78
65) n-Nitrosodiphenylamine	10.56	169	461641	23.86	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	338064	49.29	ng	#	81
67) Hexachlorobenzene	11.00	284	322720	43.54	ng	#	75
68) Atrazine	11.09	200	24006	3.83	ng		99
69) Pentachlorophenol	11.19	266	351791	80.63	ng		96
70) Phenanthrene	11.41	178	1392681	42.00	ng		100
71) Anthracene	11.46	178	1500008	45.58	ng		99
72) Carbazole	11.61	167	569036	19.06	ng		96
73) Di-n-butylphthalate	11.96	149	1533917	45.32	ng		100
74) Fluoranthene	12.60	202	1394228	44.39	ng		99
77) Pyrene	12.82	202	1352107	48.49	ng		99
79) Butylbenzylphthalate	13.44	149	504667	48.33	ng		86
80) Benzo(a)anthracene	14.00	228	976020	45.42	ng		99
82) Chrysene	14.05	228	1035203	48.69	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	701503	53.00	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1101728	55.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1060054	54.44	ng		96
87) Benzo(b)fluoranthene	15.04	252	1121188m	95.88	ng		
88) Benzo(k)fluoranthene	15.07	252	765059m	77.80	ng		
89) Benzo(a)pyrene	15.39	252	823716	78.44	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	993227	102.26	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	861193	85.99	ng		97

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

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