Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085983.D
Acq On : 2 Apr 2016 1:37
Operator : UM/SJ
Sample : H1824-04
Misc : LOQ 20PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
Sohil
4/4/2016 7:42:51 PM

Quant Time: Apr 02 02:13:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104345	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	398201	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	194662	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	373170	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	345301	20.00	ng		0.00
86) Perylene-d12	15.33	264	293591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	770998	126.30	ng		0.01
7) Phenol-d6	6.42	99	1004542	129.55	ng		0.00
23) Nitrobenzene-d5	7.34	82	636746	94.30	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	270146	147.86	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1110426	94.85	ng		0.00
78) Terphenyl-d14	12.88	244	1083488	73.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	40741	14.08	ng		100
3) Pyridine	3.14	79	102081m	15.75	ng		
4) n-Nitrosodimethylamine	3.04	42	40768	14.31	ng		97
6) Aniline	6.44	93	97617	9.60	ng		98
8) 2-Chlorophenol	6.56	128	124904	17.16	ng		97
9) Benzaldehyde	6.33	77	89737	21.51	ng		89
10) Phenol	6.43	94	145128	16.41	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	117145	16.73	ng		95
12) 1,3-Dichlorobenzene	6.72	146	120059	15.56	ng		98
13) 1,4-Dichlorobenzene	6.80	146	125654m	15.81	ng		
14) 1,2-Dichlorobenzene	6.94	146	118108	16.14	ng		98
15) Benzyl Alcohol	6.92	79	96712	19.28	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.06	45	139521	16.31	ng		93
17) 2-Methylphenol	7.04	107	102444	17.85	ng		98
18) Hexachloroethane	7.28	117	45631	15.61	ng	#	77
19) n-Nitroso-di-n-propylamine	7.18	70	78000	16.23	ng	#	90
20) 3+4-Methylphenols	7.20	107	126804	18.16	ng	#	79
22) Acetophenone	7.18	105	172372	18.41	ng	#	93
24) Nitrobenzene	7.36	77	123269	16.69	ng		99
25) Isophorone	7.60	82	228685	17.16	ng		98
26) 2-Nitrophenol	7.68	139	58711	16.61	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	112392	17.71	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	143751	18.38	ng		99
29) 2,4-Dichlorophenol	7.93	162	86062	16.04	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	101450	16.84	ng		99
31) Naphthalene	8.08	128	346254	17.29	ng		98
32) Benzoic acid	7.84	122	49986	10.73	ng		90
33) 4-Chloroaniline	8.14	127	70418	8.70	ng		98
34) Hexachlorobutadiene	8.20	225	50292	15.53	ng		98
35) Caprolactam	8.49	113	31768	18.66	ng	#	85
36) 4-Chloro-3-methylphenol	8.62	107	98862	16.39	ng		91
37) 2-Methylnaphthalene	8.77	142	233597	17.85	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	90502	15.47	ng		99
40) Hexachlorocyclopentadiene	8.92	237	22190	18.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	55805	14.85	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	63211	16.57	ng	#	95
45) 1,1'-Biphenyl	9.23	154	281221	16.75	ng		97
46) 2-Chloronaphthalene	9.25	162	196757	16.17	ng	#	90
47) 2-Nitroaniline	9.36	65	59577	16.74	ng	#	75
48) Acenaphthylene	9.66	152	327161	16.79	ng		99
49) Dimethylphthalate	9.54	163	240419	16.66	ng		99
50) 2,6-Dinitrotoluene	9.60	165	49352	16.17	ng		87
51) Acenaphthene	9.84	154	192338	16.59	ng		100
52) 3-Nitroaniline	9.77	138	41651	11.32	ng		85
53) 2,4-Dinitrophenol	9.89	184	17555	16.02	ng	#	79
54) Dibenzofuran	10.02	168	286154	18.69	ng		95
55) 4-Nitrophenol	9.95	139	29070	13.40	ng		98
56) 2,4-Dinitrotoluene	10.01	165	72577	18.82	ng	#	59
57) Fluorene	10.35	166	228176	17.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	50148	17.66	ng		97
59) Diethylphthalate	10.24	149	253683	17.42	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	113666	18.66	ng		92
61) 4-Nitroaniline	10.38	138	57383	15.84	ng		99
62) Azobenzene	10.51	77	275326	19.74	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	33047	14.61	ng	#	72
65) n-Nitrosodiphenylamine	10.46	169	199256	17.07	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	61561	16.16	ng	#	88
67) Hexachlorobenzene	10.91	284	62178	15.78	ng	#	92
68) Atrazine	10.99	200	60298	15.99	ng		95
69) Pentachlorophenol	11.10	266	25991	14.08	ng		97
70) Phenanthrene	11.31	178	344386	16.92	ng		99
71) Anthracene	11.37	178	382375	17.93	ng		99
72) Carbazole	11.53	167	331834	18.10	ng		98
73) Di-n-butylphthalate	11.86	149	385500	16.97	ng		97
74) Fluoranthene	12.50	202	356084	16.82	ng		96
76) Benzidine	12.62	184	101587	8.34	ng		99
77) Pyrene	12.73	202	369388	15.18	ng		100
79) Butylbenzylphthalate	13.34	149	167442	15.28	ng	#	76
80) Benzo(a)anthracene	13.92	228	332448	16.33	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	49693	3.34	ng	#	98
82) Chrysene	13.95	228	295221	15.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	238061	16.37	ng	#	99
84) Di-n-octyl phthalate	14.51	149	373576	16.09	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	260753	16.39	ng		98
87) Benzo(b)fluoranthene	14.93	252	283922m	15.37	ng		
88) Benzo(k)fluoranthene	14.96	252	287122m	17.56	ng		
89) Benzo(a)pyrene	15.28	252	274843	16.80	ng	#	96
90) Dibenzo(a,h)anthracene	16.69	278	214904	16.32	ng		99
91) Benzo(g,h,i)perylene	17.09	276	207928	16.32	ng	#	93

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

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