Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088987.D
Acq On : 14 Jul 2016 15:20
Operator : UM/SJ
Sample : H3606-03
Misc : LOD-1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL2016-01

Manual Integrations APPROVED
Sohil
7/15/2016 9:16:22 AM

Quant Time: Jul 15 01:53:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	72952	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	277772	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	138001	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	269457	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	244501	20.00	ng		-0.03
86) Perylene-d12	15.18	264	193607	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	468569	96.26	ng		0.00
7) Phenol-d6	6.33	99	604530	96.11	ng		-0.02
23) Nitrobenzene-d5	7.26	82	380314	71.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	106585	83.17	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	684186	78.31	ng		-0.02
78) Terphenyl-d14	12.78	244	554069	50.47	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	3.04	79	1990	0.28	ng	#	86
6) Aniline	6.34	93	3161	0.34	ng	#	1
8) 2-Chlorophenol	6.47	128	3862	0.74	ng		90
9) Benzaldehyde	6.23	77	2764	0.65	ng		97
10) Phenol	6.34	94	3028	0.42	ng	#	1
11) bis(2-Chloroethyl)ether	6.42	93	3754	0.70	ng		96
12) 1,3-Dichlorobenzene	6.63	146	3364m	0.58	ng		
13) 1,4-Dichlorobenzene	6.70	146	3609	0.63	ng		95
14) 1,2-Dichlorobenzene	6.86	146	3749	0.70	ng	#	94
15) Benzyl Alcohol	6.84	79	8906	1.92	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	6.97	45	3900	0.50	ng		82
17) 2-Methylphenol	6.95	107	2823	0.66	ng	#	91
18) Hexachloroethane	7.20	117	1385	0.63	ng		92
19) n-Nitroso-di-n-propylamine	7.10	70	2355	0.56	ng	#	90
20) 3+4-Methylphenols	7.11	107	3516	0.69	ng	#	81
22) Acetophenone	7.10	105	4981	0.74	ng		99
24) Nitrobenzene	7.27	77	5432	1.02	ng	#	86
26) 2-Nitrophenol	7.59	139	1381	0.63	ng		95
27) 2,4-Dimethylphenol	7.63	122	2557m	0.56	ng		
28) bis(2-Chloroethoxy)methane	7.72	93	4355	0.68	ng	#	93
29) 2,4-Dichlorophenol	7.84	162	2509	0.68	ng		88
30) 1,2,4-Trichlorobenzene	7.91	180	3031	0.75	ng		93
31) Naphthalene	7.99	128	9950	0.73	ng		98
33) 4-Chloroaniline	8.04	127	3488	0.57	ng		94
34) Hexachlorobutadiene	8.11	225	1480	0.68	ng		94
35) Caprolactam	8.35	113	789	0.63	ng		96
36) 4-Chloro-3-methylphenol	8.52	107	2946	0.68	ng	#	79
37) 2-Methylnaphthalene	8.68	142	6341	0.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	2950	0.64	ng	#	1
42) 2,4,6-Trichlorophenol	8.96	196	1629	0.54	ng		94
43) 2,4,5-Trichlorophenol	9.00	196	1940	0.75	ng	#	94
45) 1,1'-Biphenyl	9.14	154	8637	0.76	ng		94
46) 2-Chloronaphthalene	9.16	162	6600	0.74	ng		98
47) 2-Nitroaniline	9.26	65	1760	0.55	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.58	152	9948	0.70	ng		99
49) Dimethylphthalate	9.44	163	7427	0.76	ng	#	97
50) 2,6-Dinitrotoluene	9.50	165	1374	0.63	ng	#	4
51) Acenaphthene	9.75	154	6593	0.75	ng		97
54) Dibenzofuran	9.92	168	9823	0.86	ng		92
55) 4-Nitrophenol	9.85	139	850	0.40	ng		94
56) 2,4-Dinitrotoluene	9.91	165	1717	0.60	ng	#	80
57) Fluorene	10.26	166	7169	0.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	1168	0.58	ng	#	50
59) Diethylphthalate	10.14	149	6949	0.70	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	3076	0.75	ng	#	85
62) Azobenzene	10.41	77	7838	0.70	ng		90
65) n-Nitrosodiphenylamine	10.38	169	6255	0.69	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	1623	0.60	ng	#	62
67) Hexachlorobenzene	10.81	284	1823	0.61	ng	#	60
68) Atrazine	10.90	200	1855	0.65	ng		98
70) Phenanthrene	11.21	178	11530	0.78	ng		98
71) Anthracene	11.27	178	10208	0.70	ng		97
72) Carbazole	11.42	167	9730	0.71	ng		97
73) Di-n-butylphthalate	11.76	149	10401	0.65	ng	#	97
74) Fluoranthene	12.39	202	9844	0.66	ng		97
77) Pyrene	12.62	202	11248	0.54	ng		98
79) Butylbenzylphthalate	13.24	149	4325	0.47	ng	#	64
80) Benzo(a)anthracene	13.81	228	9950	0.63	ng		99
82) Chrysene	13.84	228	9034	0.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	6482	0.61	ng	#	96
84) Di-n-octyl phthalate	14.42	149	10542	0.59	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	6309	0.53	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	8286m	0.68	ng		
88) Benzo(k)fluoranthene	14.82	252	7214m	0.68	ng		
89) Benzo(a)pyrene	15.12	252	7102	0.69	ng	#	96
90) Dibenzo(a,h)anthracene	16.46	278	5548	0.65	ng		97
91) Benzo(g,h,i)perylene	16.82	276	5285	0.59	ng		92

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

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