Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080072.D
Acq On : 20 Jun 2015 00:43
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-1PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-SOIL2015-01

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Quant Time: Jun 22 13:23:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	45674	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	186487	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	99708	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	207010	20.00	ng		-0.01
75) Chrysene-d12	14.73	240	237007	20.00	ng		-0.13
86) Perylene-d12	16.54	264	217842	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	300785	116.57	ng		0.00
7) Phenol-d6	6.93	99	364350	106.12	ng		-0.01
23) Nitrobenzene-d5	7.89	82	225212	70.31	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	104522	107.20	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	456881	65.35	ng		-0.01
78) Terphenyl-d14	13.53	244	666326	65.66	ng		-0.06
Target Compounds							Qvalue
8) 2-Chlorophenol	7.11	128	2107	0.71	ng	#	74
9) Benzaldehyde	6.88	77	1464	0.74	ng		84
10) Phenol	6.94	94	2442	0.65	ng	#	1
11) bis(2-Chloroethyl)ether	7.04	93	2117	0.71	ng		89
12) 1,3-Dichlorobenzene	7.27	146	2310	0.64	ng	#	89
13) 1,4-Dichlorobenzene	7.35	146	2192	0.64	ng	#	87
14) 1,2-Dichlorobenzene	7.51	146	2207	0.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.59	45	2972	0.67	ng		84
17) 2-Methylphenol	7.56	107	1570	0.62	ng	#	74
18) Hexachloroethane	7.85	117	675	0.60	ng	#	85
19) n-Nitroso-di-n-propylamine	7.72	70	1204	0.51	ng	#	77
20) 3+4-Methylphenols	7.72	107	1846	0.56	ng	#	92
22) Acetophenone	7.73	105	2599	0.60	ng	#	81
24) Nitrobenzene	7.90	77	2763	0.84	ng	#	52
26) 2-Nitrophenol	8.23	139	754	0.54	ng	#	77
27) 2,4-Dimethylphenol	8.25	122	1290	0.45	ng		87
28) bis(2-Chloroethoxy)methane	8.34	93	2276	0.60	ng	#	84
29) 2,4-Dichlorophenol	8.47	162	1217	0.49	ng		89
30) 1,2,4-Trichlorobenzene	8.56	180	1739	0.62	ng		98
31) Naphthalene	8.64	128	6768	0.69	ng		98
34) Hexachlorobutadiene	8.77	225	1121	0.65	ng		97
36) 4-Chloro-3-methylphenol	9.14	107	1304	0.47	ng	#	58
37) 2-Methylnaphthalene	9.34	142	4605	0.73	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	2038	0.70	ng	#	89
42) 2,4,6-Trichlorophenol	9.61	196	769	0.39	ng		93
45) 1,1'-Biphenyl	9.80	154	5229	0.64	ng		95
46) 2-Chloronaphthalene	9.83	162	4300	0.65	ng	#	91
47) 2-Nitroaniline	9.91	65	827	0.46	ng	#	53
48) Acenaphthylene	10.25	152	6726	0.61	ng		96
49) Dimethylphthalate	10.08	163	4766	0.64	ng	#	93
50) 2,6-Dinitrotoluene	10.15	165	550	0.37	ng	#	80
51) Acenaphthene	10.42	154	4575	0.68	ng	#	89
52) 3-Nitroaniline	10.32	138	715	0.41	ng	#	58
54) Dibenzofuran	10.60	168	6891	0.72	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	10.39	165	12678	6.65	ng	#	31
57) Fluorene	10.94	166	4822	0.64	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.71	232	856	0.45	ng	#	69
59) Diethylphthalate	10.79	149	4669	0.62	ng	#	94
60) 4-Chlorophenyl-phenylether	10.93	204	2290	0.63	ng	#	90
61) 4-Nitroaniline	10.94	138	391	0.22	ng	#	21
62) Azobenzene	11.09	77	4413	0.57	ng		89
65) n-Nitrosodiphenylamine	11.04	169	3932	0.58	ng	#	86
66) 4-Bromophenyl-phenylether	11.43	248	1433	0.65	ng	#	73
67) Hexachlorobenzene	11.50	284	1646	0.67	ng	#	76
68) Atrazine	11.56	200	1062	0.50	ng		79
70) Phenanthrene	11.92	178	8284	0.66	ng		98
71) Anthracene	11.97	178	7916	0.66	ng		98
72) Carbazole	12.12	167	6392	0.55	ng	#	94
73) Di-n-butylphthalate	12.44	149	6367	0.48	ng	#	96
74) Fluoranthene	13.14	202	7668	0.57	ng		90
77) Pyrene	13.38	202	8325	0.57	ng		98
79) Butylbenzylphthalate	14.04	149	1957	0.33	ng	#	77
80) Benzo(a)anthracene	14.72	228	8316	0.58	ng		95
81) 3,3'-Dichlorobenzidine	14.67	252	800	0.16	ng	#	85
82) Chrysene	14.76	228	7540m	0.57	ng		
83) Bis(2-ethylhexyl)phthalate	14.69	149	2865	0.31	ng	#	89
84) Di-n-octyl phthalate	15.43	149	4005	0.25	ng	#	98
85) Indeno(1,2,3-cd)pyrene	18.37	276	8041	0.48	ng	#	84
87) Benzo(b)fluoranthene	16.00	252	7249	0.55	ng	#	85
88) Benzo(k)fluoranthene	16.04	252	7639m	0.57	ng		
89) Benzo(a)pyrene	16.46	252	6875	0.55	ng	#	81
90) Dibenzo(a,h)anthracene	18.39	278	6759	0.53	ng	#	82
91) Benzo(g,h,i)perylene	18.92	276	6671	0.52	ng	#	74

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

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