Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103189.D
Acq On : 23 Feb 2018 10:39
Operator : SJ/JU
Sample : J1161-02
Misc : LOQ-S-20ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT1-2018

Quant Time: Feb 23 11:49:28 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171102	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	736101	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	340329	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	570609	20.00	ng		0.00
75) Chrysene-d12	14.07	240	413240	20.00	ng		0.02
86) Perylene-d12	15.59	264	406857	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1351716	119.48	ng		0.00
7) Phenol-d6	6.51	99	1658680	119.82	ng		0.00
23) Nitrobenzene-d5	7.44	82	1302291	101.03	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	354825	123.17	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1862773	97.65	ng		0.00
78) Terphenyl-d14	12.99	244	1550737	90.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	109637	18.349	ng		91
3) Pyridine	3.47	79	295029	18.495	ng		96
4) n-Nitrosodimethylamine	3.36	42	127069	19.752	ng		93
6) Aniline	6.54	93	402273	20.135	ng		96
8) 2-Chlorophenol	6.66	128	223258	18.997	ng		91
9) Benzaldehyde	6.43	77	139610	13.662	ng		99
10) Phenol	6.52	94	301424	18.756	ng		94
11) bis(2-Chloroethyl)ether	6.61	93	244320	20.031	ng		97
12) 1,3-Dichlorobenzene	6.81	146	269317	20.053	ng		96
13) 1,4-Dichlorobenzene	6.89	146	267874	19.894	ng		100
14) 1,2-Dichlorobenzene	7.05	146	241019	19.412	ng		98
15) Benzyl Alcohol	7.01	79	219376	21.030	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420079	20.056	ng		99
17) 2-Methylphenol	7.12	107	211445	19.798	ng		98
18) Hexachloroethane	7.38	117	98892	20.175	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	179695	20.857	ng		94
20) 3+4-Methylphenols	7.27	107	263862	20.267	ng	#	70
22) Acetophenone	7.28	105	354008	20.604	ng	#	92
24) Nitrobenzene	7.46	77	275435	19.409	ng		99
25) Isophorone	7.69	82	496617	19.563	ng		95
26) 2-Nitrophenol	7.77	139	132484	19.831	ng		95
27) 2,4-Dimethylphenol	7.80	122	193409	18.940	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	299588	20.072	ng		99
29) 2,4-Dichlorophenol	8.01	162	190223	19.456	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	205047	19.695	ng		98
31) Naphthalene	8.17	128	721929	20.032	ng		99
32) Benzoic acid	7.92	122	141394	22.889	ng		94
33) 4-Chloroaniline	8.23	127	311190	20.011	ng		100
34) Hexachlorobutadiene	8.29	225	107362	19.803	ng		98
35) Caprolactam	8.59	113	66830	19.449	ng	#	80
36) 4-Chloro-3-methylphenol	8.70	107	220119	19.961	ng		99
37) 2-Methylnaphthalene	8.87	142	475097	20.399	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	187734	20.178	ng		98
40) Hexachlorocyclopentadiene	9.02	237	37125	18.945	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	124034	19.813	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	134418	18.668	ng		95
45) 1,1'-Biphenyl	9.33	154	581365	20.386	ng		98
46) 2-Chloronaphthalene	9.36	162	447529	19.836	ng		99
47) 2-Nitroaniline	9.46	65	165411	19.793	ng		93
48) Acenaphthylene	9.77	152	698405	20.119	ng		99
49) Dimethylphthalate	9.63	163	533318	19.534	ng		98
50) 2,6-Dinitrotoluene	9.69	165	113262	19.769	ng	#	86
51) Acenaphthene	9.95	154	404921	20.004	ng		100
52) 3-Nitroaniline	9.86	138	139994	19.259	ng	#	94
53) 2,4-Dinitrophenol	9.98	184	31186	22.878	ng	#	19
54) Dibenzofuran	10.12	168	589454	21.214	ng		97
55) 4-Nitrophenol	10.03	139	77958	17.304	ng		89
56) 2,4-Dinitrotoluene	10.10	165	149268	20.600	ng		91
57) Fluorene	10.46	166	463128	19.566	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	96339	19.917	ng		96
59) Diethylphthalate	10.33	149	519396	19.891	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	205730	20.496	ng		96
61) 4-Nitroaniline	10.48	138	137213	18.899	ng		92
62) Azobenzene	10.61	77	545448	20.522	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	65083	21.760	ng		92
65) n-Nitrosodiphenylamine	10.57	169	404887	20.379	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	119251	20.062	ng		95
67) Hexachlorobenzene	11.01	284	127979	19.837	ng		96
68) Atrazine	11.09	200	112751	18.881	ng		99
69) Pentachlorophenol	11.20	266	59081	18.939	ng		95
70) Phenanthrene	11.43	178	628961	20.029	ng		98
71) Anthracene	11.47	178	651790	20.241	ng		100
72) Carbazole	11.63	167	639044	19.928	ng		99
73) Di-n-butylphthalate	11.95	149	812940	20.260	ng		99
74) Fluoranthene	12.62	202	625709	19.829	ng		98
76) Benzidine	12.73	184	206720	13.381	ng		96
77) Pyrene	12.84	202	651351	20.217	ng		100
79) Butylbenzylphthalate	13.46	149	336351	19.759	ng		93
80) Benzo(a)anthracene	14.06	228	530963	19.803	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	178331	18.637	ng		97
82) Chrysene	14.10	228	525795	20.196	ng		97
83) Bis(2-ethylhexyl)phthalate	14.03	149	483521	21.049	ng	#	100
84) Di-n-octyl phthalate	14.68	149	743934	20.044	ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	455797	22.115	ng		98
87) Benzo(b)fluoranthene	15.15	252	482240	18.027	ng		98
88) Benzo(k)fluoranthene	15.18	252	498535	19.791	ng		99
89) Benzo(a)pyrene	15.53	252	463374	19.398	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	372981	20.206	ng		96
91) Benzo(g,h,i)perylene	17.57	276	375959	20.840	ng		98

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

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