Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000097.D
Acq On : 15 Feb 2018 15:16
Operator : JU/SJ
Sample : J1161-02
Misc : 20 PPM LOO
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 16 03:53:23 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	316503	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1600531	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	970882	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2107733	20.00	ng		0.00
75) Chrysene-d12	21.90	240	2349021	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2512382	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2829467	145.70	ng		-0.01
7) Phenol-d6	7.59	99	4232876	143.89	ng		0.00
23) Nitrobenzene-d5	9.64	82	3095108	114.98	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1426276	148.41	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7560107	109.75	ng		-0.01
78) Terphenyl-d14	20.35	244	9545982	109.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	148417	18.993	ng		95
3) Pyridine	4.10	79	471894	19.400	ng		98
4) n-Nitrosodimethylamine	4.00	42	123461	17.947	ng	#	92
6) Aniline	7.77	93	774475	19.110	ng		90
8) 2-Chlorophenol	8.01	128	430154	18.941	ng		88
9) Benzaldehyde	7.58	77	224213	12.252	ng		86
10) Phenol	7.61	94	594023	19.130	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	481711	18.862	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	486102	18.838	ng		97
13) 1,4-Dichlorobenzene	8.50	146	495257	18.794	ng		98
14) 1,2-Dichlorobenzene	8.82	146	490096	18.893	ng		96
15) Benzyl Alcohol	8.69	79	375349	17.753	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	508894	18.825	ng		78
17) 2-Methylphenol	8.89	107	409990	18.579	ng		94
18) Hexachloroethane	9.57	117	166211	18.119	ng	#	81
19) n-Nitroso-di-n-propylamine	9.26	70	352697	17.893	ng	#	84
20) 3+4-Methylphenols	9.22	107	569302	18.446	ng		93
22) Acetophenone	9.29	105	843380	18.804	ng	#	87
24) Nitrobenzene	9.68	77	575105	19.542	ng	#	93
25) Isophorone	10.20	82	983801	17.679	ng		96
26) 2-Nitrophenol	10.40	139	170695	19.226	ng		90
27) 2,4-Dimethylphenol	10.44	122	425323	17.630	ng		94
28) bis(2-Chloroethoxy)methane	10.68	93	661551	18.537	ng		96
29) 2,4-Dichlorophenol	10.93	162	382157	17.117	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	477478	18.571	ng		97
31) Naphthalene	11.35	128	1664807	18.973	ng		98
32) Benzoic acid	10.51	122	168710	17.892	ng		88
33) 4-Chloroaniline	11.45	127	718954	18.652	ng		94
34) Hexachlorobutadiene	11.63	225	248248	18.620	ng		98
35) Caprolactam	12.18	113	145465	17.676	ng		94
36) 4-Chloro-3-methylphenol	12.53	107	489085	17.255	ng		98
37) 2-Methylnaphthalene	12.93	142	1148191	18.807	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	536898	18.735	ng	#	97
40) Hexachlorocyclopentadiene	13.26	237	202324	16.937	ng		94

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000097.D
Acq On : 15 Feb 2018 15:16
Operator : JU/SJ
Sample : J1161-02
Misc : 20 PPM LOO
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 16 03:53:23 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	281510	16.390	ng		99
43) 2,4,5-Trichlorophenol	13.58	196	351911	17.044	ng	#	92
45) 1,1'-Biphenyl	13.91	154	1621483	18.963	ng		98
46) 2-Chloronaphthalene	13.96	162	1207177	18.815	ng		97
47) 2-Nitroaniline	14.15	65	275290	18.020	ng	#	80
48) Acenaphthylene	14.80	152	1950847	18.873	ng		98
49) Dimethylphthalate	14.51	163	1514689	18.663	ng		99
50) 2,6-Dinitrotoluene	14.63	165	288411	17.214	ng		92
51) Acenaphthene	15.13	154	1254945	18.651	ng		98
52) 3-Nitroaniline	14.96	138	354020	17.383	ng	#	92
53) 2,4-Dinitrophenol	15.16	184	72300	19.991	ng	#	12
54) Dibenzofuran	15.46	168	1812745	19.023	ng		95
55) 4-Nitrophenol	15.23	139	241444	18.543	ng	#	86
56) 2,4-Dinitrotoluene	15.40	165	371935	18.338	ng	#	96
57) Fluorene	16.10	166	1491293	19.166	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	285425	17.516	ng	#	86
59) Diethylphthalate	15.85	149	1552232	18.820	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	675814	19.059	ng		94
61) 4-Nitroaniline	16.10	138	374232	17.883	ng		92
62) Azobenzene	16.38	77	1557878	18.975	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	133369	19.647	ng		89
65) n-Nitrosodiphenylamine	16.30	169	1296575	18.905	ng		96
66) 4-Bromophenyl-phenylether	16.97	248	369828	18.451	ng	#	85
67) Hexachlorobenzene	17.10	284	439568	18.779	ng	#	88
68) Atrazine	17.22	200	363395	16.280	ng		95
69) Pentachlorophenol	17.43	266	223770	18.703	ng		98
70) Phenanthrene	17.83	178	2392895	19.220	ng		99
71) Anthracene	17.92	178	2325682	19.292	ng		98
72) Carbazole	18.18	167	2358061	19.416	ng		97
73) Di-n-butylphthalate	18.72	149	2427584	18.107	ng		98
74) Fluoranthene	19.81	202	2597520	19.887	ng		95
76) Benzidine	19.97	184	723170	9.658	ng		95
77) Pyrene	20.17	202	2850929	19.096	ng		99
79) Butylbenzylphthalate	21.02	149	1018330	18.144	ng	#	96
80) Benzo(a)anthracene	21.89	228	2790726	19.329	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	902754	17.023	ng	#	97
82) Chrysene	21.95	228	2796711	19.438	ng		98
83) Bis(2-ethylhexyl)phthalate	21.79	149	1658702	17.730	ng	#	94
84) Di-n-octyl phthalate	22.74	149	2505792	17.856	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	3403852	19.258	ng	#	87
87) Benzo(b)fluoranthene	23.63	252	2852414	19.397	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	2851064	19.250	ng	#	96
89) Benzo(a)pyrene	24.28	252	2694407	19.106	ng	#	94
90) Dibenzo(a,h)anthracene	26.96	278	2860423	19.396	ng	#	90
91) Benzo(g,h,i)perylene	27.73	276	2821733	18.922	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000097.D
Acq On : 15 Feb 2018 15:16
Operator : JU/SJ
Sample : J1161-02
Misc : 20 PPM LOO
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 16 03:53:23 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration