Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000094.D
Acq On : 15 Feb 2018 13:32
Operator : JU/SJ
Sample : J1161-03
Misc : 2 PPM MDL
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2018

Quant Time: Feb 16 09:57:18 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	384449	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1913340	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1146902	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2556080	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2722328	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2821325	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	3093863	131.16	ng		-0.01
7) Phenol-d6	7.58	99	4379836	122.57	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3066116	95.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1467288	129.25	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7780983	95.62	ng		-0.01
78) Terphenyl-d14	20.35	244	9677826	95.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	19108	2.013	ng	#	93
3) Pyridine	4.14	79	40783	1.380	ng	#	95
4) n-Nitrosodimethylamine	4.02	42	13932	1.667	ng	#	91
6) Aniline	7.77	93	77492	1.574	ng	#	85
8) 2-Chlorophenol	8.01	128	52932	1.919	ng		92
9) Benzaldehyde	7.58	77	34399	1.547	ng		92
10) Phenol	7.61	94	72250	1.915	ng		93
11) bis(2-Chloroethyl)ether	7.86	93	60046	1.936	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	61916	1.975	ng		99
13) 1,4-Dichlorobenzene	8.50	146	63140	1.973	ng		94
14) 1,2-Dichlorobenzene	8.82	146	62877	1.996	ng		88
15) Benzyl Alcohol	8.69	79	39013	1.519	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.99	45	61039	1.859	ng		81
17) 2-Methylphenol	8.89	107	41168	1.536	ng		96
18) Hexachloroethane	9.57	117	19752	1.773	ng	#	78
19) n-Nitroso-di-n-propylamine	9.26	70	34878	1.457	ng	#	82
20) 3+4-Methylphenols	9.22	107	54779	1.461	ng		92
22) Acetophenone	9.29	105	87289	1.628	ng	#	87
24) Nitrobenzene	9.68	77	68460	1.946	ng	#	89
25) Isophorone	10.20	82	94023	1.413	ng		96
26) 2-Nitrophenol	10.40	139	14903	8.071	ng		90
27) 2,4-Dimethylphenol	10.44	122	45350	1.572	ng		94
28) bis(2-Chloroethoxy)methane	10.69	93	72764	1.706	ng		98
29) 2,4-Dichlorophenol	10.93	162	32141	1.204	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	59536	1.937	ng		90
31) Naphthalene	11.35	128	203382	1.939	ng		97
32) Benzoic acid	10.46	122	8642m	10.858	ng		
33) 4-Chloroaniline	11.45	127	66224	1.437	ng		94
34) Hexachlorobutadiene	11.63	225	31811	1.996	ng		95
35) Caprolactam	12.16	113	9495	4.764	ng	#	90
36) 4-Chloro-3-methylphenol	12.53	107	36316	1.072	ng		87
37) 2-Methylnaphthalene	12.93	142	129514	1.775	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	64950	1.919	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	20253	1.435	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000094.D
Acq On : 15 Feb 2018 13:32
Operator : JU/SJ
Sample : J1161-03
Misc : 2 PPM MDL
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2018

Quant Time: Feb 16 09:57:18 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	21271	1.048	ng		88
43) 2,4,5-Trichlorophenol	13.57	196	26022	1.067	ng	#	93
45) 1,1'-Biphenyl	13.91	154	207601	2.055	ng		98
46) 2-Chloronaphthalene	13.96	162	142457	1.880	ng		99
47) 2-Nitroaniline	14.15	65	19617	5.671	ng		91
48) Acenaphthylene	14.80	152	183946	1.506	ng		98
49) Dimethylphthalate	14.50	163	154233	1.609	ng		99
50) 2,6-Dinitrotoluene	14.63	165	18145	0.917	ng		93
51) Acenaphthene	15.13	154	146134	1.839	ng		96
52) 3-Nitroaniline	14.95	138	22440	0.933	ng	#	94
53) 2,4-Dinitrophenol	15.15	184	5037	9.863	ng	#	67
54) Dibenzofuran	15.46	168	214387	1.904	ng		92
55) 4-Nitrophenol	15.23	139	13181	5.604	ng		89
56) 2,4-Dinitrotoluene	15.40	165	20341	4.838	ng	#	85
57) Fluorene	16.10	166	167431	1.822	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	19873m	1.032	ng		
59) Diethylphthalate	15.85	149	144654	1.485	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	79523	1.898	ng		94
61) 4-Nitroaniline	16.10	138	23976	0.970	ng		83
62) Azobenzene	16.38	77	134228	1.384	ng		92
64) 4,6-Dinitro-2-methylphenol	16.16	198	7494	9.214	ng		89
65) n-Nitrosodiphenylamine	16.30	169	128479	1.545	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	41828	1.721	ng	#	85
67) Hexachlorobenzene	17.10	284	51868	1.827	ng	#	90
68) Atrazine	17.22	200	29252	1.081	ng		91
69) Pentachlorophenol	17.43	266	16648	6.620	ng		94
70) Phenanthrene	17.83	178	301030	1.994	ng		97
71) Anthracene	17.92	178	235597	1.612	ng		98
72) Carbazole	18.18	167	228914	1.554	ng		97
73) Di-n-butylphthalate	18.71	149	173370	1.066	ng	#	96
74) Fluoranthene	19.80	202	259547	1.639	ng		94
76) Benzidine	19.97	184	46787	0.539	ng		98
77) Pyrene	20.16	202	297808	1.721	ng		99
79) Butylbenzylphthalate	21.02	149	59381	6.018	ng		94
80) Benzo(a)anthracene	21.89	228	289438	1.730	ng		96
81) 3,3'-Dichlorobenzidine	21.81	252	59710	0.972	ng	#	92
82) Chrysene	21.95	228	335041	2.009	ng		100
83) Bis(2-ethylhexyl)phthalate	21.79	149	89420	3.593	ng	#	90
84) Di-n-octyl phthalate	22.74	149	119210	7.169	ng		97
85) Indeno(1,2,3-cd)pyrene	26.94	276	309642	1.512	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	278059	1.684	ng	#	95
88) Benzo(k)fluoranthene	23.68	252	291311	1.751	ng	#	97
89) Benzo(a)pyrene	24.27	252	253549	1.601	ng	#	94
90) Dibenzo(a,h)anthracene	26.95	278	260098	1.571	ng	#	89
91) Benzo(g,h,i)perylene	27.72	276	260814	1.557	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000094.D
Acq On : 15 Feb 2018 13:32
Operator : JU/SJ
Sample : J1161-03
Misc : 2 PPM MDL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2018

Quant Time: Feb 16 09:57:18 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