Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004983.D
Acq On : 26 Mar 2019 19:05
Operator : JU/SJ
Sample : K1560-02
Misc : LOQ 20 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT1-2019

Quant Time: Mar 27 05:36:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9262	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	40209	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	23456	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	52725	20.00	ng		0.00
76) Chrysene-d12	21.27	240	53906	20.00	ng		0.00
87) Perylene-d12	23.52	264	48996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	69457	129.65	ng		0.00
7) Phenol-d6	6.86	99	92428	130.08	ng		0.00
23) Nitrobenzene-d5	8.84	82	55350	83.27	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	54045	142.86	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	147137	83.12	ng		0.00
79) Terphenyl-d14	19.71	244	233644	83.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	3778	19.352	ng		98
3) Pyridine	3.60	79	10821	19.835	ng		99
4) n-Nitrosodimethylamine	3.53	42	3269	18.380	ng	#	98
6) Aniline	7.02	93	17758	19.626	ng		100
8) 2-Chlorophenol	7.24	128	13246	19.478	ng		98
9) Benzaldehyde	6.83	77	8545	20.928	ng		99
10) Phenol	6.88	94	14926	19.604	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	11604	19.709	ng		98
12) 1,3-Dichlorobenzene	7.56	146	14597	19.701	ng		98
13) 1,4-Dichlorobenzene	7.71	146	14725	19.633	ng		100
14) 1,2-Dichlorobenzene	8.02	146	14332	19.968	ng		99
15) Benzyl Alcohol	7.92	79	10470	19.368	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	14246	20.055	ng		98
17) 2-Methylphenol	8.12	107	10554	19.884	ng		99
18) Hexachloroethane	8.74	117	5181	19.490	ng		100
19) n-Nitroso-di-n-propylamine	8.48	70	9542	20.485	ng		99
20) 3+4-Methylphenols	8.45	107	14021	19.455	ng		98
22) Acetophenone	8.50	105	19195	20.913	ng		100
24) Nitrobenzene	8.88	77	13926	20.702	ng		100
25) Isophorone	9.39	82	27163	20.977	ng		99
26) 2-Nitrophenol	9.59	139	7667	19.629	ng		99
27) 2,4-Dimethylphenol	9.64	122	10993	20.215	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	16807	20.948	ng		98
29) 2,4-Dichlorophenol	10.12	162	12508	20.012	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	14021	20.365	ng		99
31) Naphthalene	10.51	128	43651	20.807	ng		100
32) Benzoic acid	9.77	122	6854	19.471	ng		98
33) 4-Chloroaniline	10.63	127	17628	20.653	ng		99
34) Hexachlorobutadiene	10.77	225	9220	20.696	ng		99
35) Caprolactam	11.41	113	4172	20.386	ng		99
36) 4-Chloro-3-methylphenol	11.76	107	13815	20.461	ng		100
37) 2-Methylnaphthalene	12.13	142	31214	21.071	ng		99
38) 1-Methylnaphthalene	12.35	142	30491	21.034	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	16884	20.294	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004983.D
Acq On : 26 Mar 2019 19:05
Operator : JU/SJ
Sample : K1560-02
Misc : LOO 20 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT1-2019

Quant Time: Mar 27 05:36:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	7502	19.530	ng		99
43) 2,4,6-Trichlorophenol	12.75	196	10234	19.824	ng		100
44) 2,4,5-Trichlorophenol	12.83	196	11206	19.926	ng		99
46) 1,1'-Biphenyl	13.15	154	41580	20.945	ng		99
47) 2-Chloronaphthalene	13.19	162	31421	20.625	ng		99
48) 2-Nitroaniline	13.42	65	8201	20.223	ng		97
49) Acenaphthylene	14.05	152	53661	20.942	ng		99
50) Dimethylphthalate	13.78	163	40941	21.245	ng		100
51) 2,6-Dinitrotoluene	13.92	165	9160	20.889	ng		96
52) Acenaphthene	14.39	154	30376	21.074	ng		99
53) 3-Nitroaniline	14.25	138	9129	20.369	ng		98
54) 2,4-Dinitrophenol	14.46	184	3968	21.013	ng		99
55) Dibenzofuran	14.72	168	48276	21.048	ng		99
56) 4-Nitrophenol	14.56	139	6715	19.019	ng		98
57) 2,4-Dinitrotoluene	14.70	165	12534	21.033	ng	#	99
58) Fluorene	15.37	166	39542	21.342	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	10598	20.324	ng	#	99
60) Diethylphthalate	15.15	149	41143	21.395	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	20266	21.203	ng		99
62) 4-Nitroaniline	15.42	138	9296	20.644	ng		98
63) Azobenzene	15.66	77	34286	21.419	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	6524	20.347	ng		99
66) n-Nitrosodiphenylamine	15.59	169	34097	20.530	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	13418	20.393	ng		98
68) Hexachlorobenzene	16.37	284	15790	20.484	ng		99
69) Atrazine	16.54	200	12588	21.215	ng		99
70) Pentachlorophenol	16.72	266	7228	17.834	ng		99
71) Phenanthrene	17.12	178	62240	21.009	ng		100
72) Anthracene	17.20	178	61522	20.863	ng		100
73) Carbazole	17.49	167	56562	21.073	ng		99
74) Di-n-butylphthalate	18.03	149	69347	21.209	ng		99
75) Fluoranthene	19.14	202	72362	21.410	ng		99
77) Benzidine	19.33	184	32188	19.160	ng		97
78) Pyrene	19.50	202	74000	20.559	ng		99
80) Butylbenzylphthalate	20.40	149	29711	20.314	ng		99
81) Benzo(a)anthracene	21.26	228	69955	20.834	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	25896	20.624	ng		99
83) Chrysene	21.31	228	67171	20.944	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	41988	20.749	ng		100
85) Di-n-octyl phthalate	22.05	149	66990	20.513	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	66044	18.125	ng		100
88) Benzo(b)fluoranthene	22.84	252	66349	22.000	ng		99
89) Benzo(k)fluoranthene	22.88	252	57868	20.924	ng		98
90) Benzo(a)pyrene	23.42	252	57788	20.939	ng		99
91) Dibenzo(a,h)anthracene	25.78	278	54553	19.690	ng		99
92) Benzo(g,h,i)perylene	26.47	276	52672	19.223	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004983.D
Acq On : 26 Mar 2019 19:05
Operator : JU/SJ
Sample : K1560-02
Misc : LOQ 20 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2019

Quant Time: Mar 27 05:36:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration