Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
Data File : BP001010.D
Acq On : 08 Nov 2019 10:16
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-S-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-MDL-SOIL-03-QT4-2019

Quant Time: Nov 08 11:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 11:19:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	244298	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	874081	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	485981	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	968407	20.00	ng		0.00
76) Chrysene-d12	19.29	240	866940	20.00	ng		0.00
87) Perylene-d12	21.07	264	984996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1870185	139.34	ng		0.00
7) Phenol-d6	7.82	99	2292463	135.07	ng		0.00
23) Nitrobenzene-d5	9.26	82	1638375	103.69	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	801953	138.23	ng		0.00
45) 2-Fluorobiphenyl	12.19	172	3355067	103.98	ng		0.00
79) Terphenyl-d14	17.94	244	4175281	95.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	41437	7.101	ng		97
3) Pyridine	3.76	79	89161	5.779	ng		95
4) n-Nitrosodimethylamine	3.61	42	39840	7.409	ng	#	95
6) Aniline	7.86	93	171649	7.744	ng		99
8) 2-Chlorophenol	8.04	128	111045	7.802	ng		97
9) Benzaldehyde	7.68	77	98987	8.359	ng		97
10) Phenol	7.83	94	148953	8.024	ng		93
11) bis(2-Chloroethyl)ether	7.98	93	110649	7.656	ng		99
12) 1,3-Dichlorobenzene	8.28	146	138097	7.734	ng		98
13) 1,4-Dichlorobenzene	8.40	146	140897	7.834	ng		99
14) 1,2-Dichlorobenzene	8.64	146	129170	7.766	ng		99
15) Benzyl Alcohol	8.60	79	126027	9.744	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	105136	6.966	ng		96
17) 2-Methylphenol	8.77	107	93101	7.705	ng		98
18) Hexachloroethane	9.18	117	49013	7.419	ng		97
19) n-Nitroso-di-n-propylamine	9.03	70	74747	7.334	ng		96
20) 3+4-Methylphenols	9.02	107	121321	8.093	ng	#	82
22) Acetophenone	9.01	105	167971	7.441	ng	#	99
24) Nitrobenzene	9.28	77	128284	8.091	ng		98
25) Isophorone	9.67	82	210243	7.229	ng		99
26) 2-Nitrophenol	9.79	139	36390	6.142	ng		94
27) 2,4-Dimethylphenol	9.87	122	92569	8.343	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	134378	7.067	ng		99
29) 2,4-Dichlorophenol	10.17	162	96920	7.237	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	124521	7.569	ng		100
31) Naphthalene	10.43	128	342577	7.844	ng		99
32) Benzoic acid	9.96	122	12503	2.082	ng		93
33) 4-Chloroaniline	10.53	127	135879	7.256	ng		98
34) Hexachlorobutadiene	10.66	225	80654	7.420	ng		98
35) Caprolactam	11.05	113	24791	5.865	ng		93
36) 4-Chloro-3-methylphenol	11.32	107	99604	7.163	ng		99
37) 2-Methylnaphthalene	11.56	142	237322	7.764	ng		100
38) 1-Methylnaphthalene	11.72	142	226203	7.832	ng		97
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	133110	8.226	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
Data File : BP001010.D
Acq On : 08 Nov 2019 10:16
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-S-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-MDL-SOIL-03-QT4-2019

Quant Time: Nov 08 11:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 11:19:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	69069	8.520	ng		99
43) 2,4,6-Trichlorophenol	12.03	196	67489	6.917	ng		99
44) 2,4,5-Trichlorophenol	12.07	196	74100	7.103	ng		98
46) 1,1'-Biphenyl	12.33	154	294623	8.108	ng		99
47) 2-Chloronaphthalene	12.36	162	231148	7.902	ng		99
48) 2-Nitroaniline	12.52	65	45252	5.910	ng		95
49) Acenaphthylene	13.03	152	348512	7.837	ng		99
50) Dimethylphthalate	12.85	163	260484	7.249	ng		100
51) 2,6-Dinitrotoluene	12.93	165	48858	6.518	ng		92
52) Acenaphthene	13.32	154	202671	7.620	ng		98
53) 3-Nitroaniline	13.19	138	48988	5.992	ng	#	96
54) 2,4-Dinitrophenol	13.36	184	6875	3.721	ng		97
55) Dibenzofuran	13.60	168	332715	8.008	ng		99
56) 4-Nitrophenol	13.46	139	29877	5.255	ng		94
57) 2,4-Dinitrotoluene	13.58	165	56375	5.988	ng		98
58) Fluorene	14.16	166	249758	7.554	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	53262	6.005	ng		98
60) Diethylphthalate	14.02	149	246322	6.824	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	137839	7.884	ng		98
62) 4-Nitroaniline	12.52	138	50025	5.707	ng		97
63) Azobenzene	14.44	77	227729	7.209	ng		98
65) 4,6-Dinitro-2-methylphenol	14.25	198	13172	4.821	ng		95
66) n-Nitrosodiphenylamine	14.37	169	216473	7.775	ng		99
67) 4-Bromophenyl-phenylether	14.98	248	81740	7.170	ng		97
68) Hexachlorobenzene	15.06	284	99151	7.505	ng		98
69) Atrazine	15.25	200	63857	6.299	ng		100
70) Pentachlorophenol	15.37	266	28865	4.908	ng		99
71) Phenanthrene	15.69	178	386670	7.801	ng		99
72) Anthracene	15.77	178	380688	7.874	ng		100
73) Carbazole	16.01	167	335993	7.580	ng		98
74) Di-n-butylphthalate	16.57	149	330422	6.176	ng		99
75) Fluoranthene	17.40	202	426100	7.606	ng		99
77) Benzidine	17.59	184	173838	5.445	ng		98
78) Pyrene	17.70	202	455103	7.428	ng		99
80) Butylbenzylphthalate	18.59	149	120859	4.982	ng		98
81) Benzo(a)anthracene	19.28	228	428538	7.339	ng		100
82) 3,3'-Dichlorobenzidine	19.25	252	149983	7.045	ng		100
83) Chrysene	19.32	228	417731	8.149	ng		100
84) Bis(2-ethylhexyl)phthalate	19.34	149	189943	6.158	ng		97
85) Di-n-octyl phthalate	20.12	149	278239	5.011	ng		100
86) Indeno(1,2,3-cd)pyrene	22.73	276	477642	6.810	ng		99
88) Benzo(b)fluoranthene	20.58	252	441868	7.526	ng		99
89) Benzo(k)fluoranthene	20.62	252	425209	7.693	ng		98
90) Benzo(a)pyrene	21.00	252	382401	7.083	ng		99
91) Dibenzo(a,h)anthracene	22.76	278	408127	7.407	ng		99
92) Benzo(g,h,i)perylene	23.23	276	410079	7.391	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
Data File : BP001010.D
Acq On : 08 Nov 2019 10:16
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-S-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

Quant Time: Nov 08 11:26:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 11:19:32 2019
Response via : Initial Calibration