Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117796.D
Acq On : 15 Nov 2019 10:08
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 15 11:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	285103	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1150323	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	635810	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1231576	20.00	ng	0.00
76) Chrysene-d12	14.12	240	934480	20.00	ng	0.00
87) Perylene-d12	15.63	264	963436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2089880	129.75	ng	0.00
7) Phenol-d6	6.55	99	2515358	129.48	ng	0.00
23) Nitrobenzene-d5	7.49	82	1905944	98.49	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	917370	136.29	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3397336	95.86	ng	0.00
79) Terphenyl-d14	13.06	244	4187942	81.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	53743	7.138	ng	99
3) Pyridine	3.53	79	129556	6.560	ng	97
4) n-Nitrosodimethylamine	3.42	42	63219	7.333	ng	96
6) Aniline	6.59	93	227966	8.880	ng	99
8) 2-Chlorophenol	6.71	128	147505	8.440	ng	98
9) Benzaldehyde	6.47	77	121692	5.886	ng	97
10) Phenol	6.56	94	166977	8.271	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	139291	8.592	ng	99
12) 1,3-Dichlorobenzene	6.87	146	170572	8.290	ng	97
13) 1,4-Dichlorobenzene	6.95	146	170178	8.182	ng	99
14) 1,2-Dichlorobenzene	7.10	146	162177	8.153	ng	98
15) Benzyl Alcohol	7.06	79	110008	7.335	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	203992	8.173	ng	100
17) 2-Methylphenol	7.16	107	124094	8.384	ng	99
18) Hexachloroethane	7.45	117	60530	7.923	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	107777	8.993	ng	97
20) 3+4-Methylphenols	7.32	107	161886	8.811	ng	94
22) Acetophenone	7.33	105	219576	8.496	ng	98
24) Nitrobenzene	7.50	77	162805	8.155	ng	97
25) Isophorone	7.74	82	294206	8.295	ng	97
26) 2-Nitrophenol	7.82	139	74014	7.617	ng	95
27) 2,4-Dimethylphenol	7.85	122	132604	8.783	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	183996	8.175	ng	96
29) 2,4-Dichlorophenol	8.06	162	130771	7.985	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	149840	7.888	ng	98
31) Naphthalene	8.23	128	467569	8.719	ng	97
32) Benzoic acid	7.91	122	54585	4.318	ng	97
33) 4-Chloroaniline	8.27	127	196576	8.188	ng	99
34) Hexachlorobutadiene	8.35	225	85925	7.736	ng	96
35) Caprolactam	8.62	113	39802	7.647	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	135893	8.176	ng	95
37) 2-Methylnaphthalene	8.93	142	324911	8.967	ng	96
38) 1-Methylnaphthalene	9.03	142	308278	8.999	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	144244	7.812	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117796.D
Acq On : 15 Nov 2019 10:08
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 15 11:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	80085	7.740	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	94691	7.160	ng		98
44) 2,4,5-Trichlorophenol	9.24	196	103723	7.554	ng		97
46) 1,1'-Biphenyl	9.39	154	409795	8.687	ng		98
47) 2-Chloronaphthalene	9.42	162	306131	7.889	ng		99
48) 2-Nitroaniline	9.50	65	82521	7.044	ng		97
49) Acenaphthylene	9.83	152	495564	8.759	ng		98
50) Dimethylphthalate	9.69	163	369163	8.280	ng		98
51) 2,6-Dinitrotoluene	9.75	165	77075	7.910	ng		94
52) Acenaphthene	10.01	154	301676	8.324	ng		99
53) 3-Nitroaniline	9.92	138	82332	7.061	ng		98
54) 2,4-Dinitrophenol	10.02	184	23709	11.532	ng	#	90
55) Dibenzofuran	10.18	168	445917	8.885	ng		94
56) 4-Nitrophenol	10.06	139	65745	7.554	ng		93
57) 2,4-Dinitrotoluene	10.15	165	96875	7.815	ng		92
58) Fluorene	10.52	166	342109	8.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	89965	7.974	ng		99
60) Diethylphthalate	10.39	149	364676	8.389	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	172935	8.762	ng		96
62) 4-Nitroaniline	10.53	138	83928	7.189	ng		93
63) Azobenzene	10.67	77	341024	8.623	ng		98
65) 4,6-Dinitro-2-methylphenol	10.56	198	38407	6.680	ng		78
66) n-Nitrosodiphenylamine	10.63	169	300399	8.381	ng		100
67) 4-Bromophenyl-phenylether	11.01	248	106817	8.038	ng		96
68) Hexachlorobenzene	11.07	284	124088	8.008	ng		92
69) Atrazine	11.15	200	88144	7.476	ng		97
70) Pentachlorophenol	11.26	266	62480	6.902	ng		97
71) Phenanthrene	11.49	178	532528	8.600	ng		97
72) Anthracene	11.54	178	550561	8.968	ng		97
73) Carbazole	11.69	167	473126	8.819	ng		98
74) Di-n-butylphthalate	12.03	149	588348	8.808	ng		98
75) Fluoranthene	12.68	202	548827	2.652	ng		99
77) Benzidine	12.80	184	269885	8.817	ng		96
78) Pyrene	12.91	202	560943	7.428	ng		98
80) Butylbenzylphthalate	13.53	149	233146	7.188	ng		97
81) Benzo(a)anthracene	14.10	228	495062	8.017	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	188712	8.737	ng		99
83) Chrysene	14.14	228	477937	7.987	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	341753	8.691	ng		97
85) Di-n-octyl phthalate	14.71	149	545080	9.435	ng		100
86) Indeno(1,2,3-cd)pyrene	17.15	276	404520	7.943	ng		100
88) Benzo(b)fluoranthene	15.17	252	448457	7.164	ng		99
89) Benzo(k)fluoranthene	15.20	252	471143	7.988	ng		99
90) Benzo(a)pyrene	15.56	252	396426	7.202	ng		98
91) Dibenzo(a,h)anthracene	17.17	278	345054	7.283	ng		99
92) Benzo(g,h,i)perylene	17.61	276	326453	6.918	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117796.D
Acq On : 15 Nov 2019 10:08
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Nov 15 11:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration