Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120609.D
Acq On : 12 Jun 2020 9:40
Operator : JU/CG
Sample : L1161-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:46:47 AM

Quant Time: Jun 12 10:58:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148360	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	549044	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	285602	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	551306	20.00	ng		0.00
76) Chrysene-d12	13.95	240	449943	20.00	ng		-0.01
86) Perylene-d12	15.39	264	508558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1263954	146.06	ng		0.00
7) Phenol-d6	6.43	99	1599320	148.39	ng		0.00
23) Nitrobenzene-d5	7.36	82	994198	101.22	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	492360	148.28	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1787163	95.74	ng		0.00
79) Terphenyl-d14	12.90	244	2062912	101.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	30797	7.509	ng		97
3) Pyridine	3.27	79	62931	5.458	ng		98
4) n-Nitrosodimethylamine	3.15	42	33794	7.063	ng		94
6) Aniline	6.46	93	114519	8.302	ng		97
8) 2-Chlorophenol	6.58	128	74998	7.670	ng		92
9) Benzaldehyde	6.35	77	64855	9.514	ng		95
10) Phenol	6.45	94	96649	8.405	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	73383	7.661	ng		97
12) 1,3-Dichlorobenzene	6.74	146	81910	7.879	ng		99
13) 1,4-Dichlorobenzene	6.82	146	84229	8.212	ng		97
14) 1,2-Dichlorobenzene	6.97	146	77827	7.789	ng		98
15) Benzyl Alcohol	6.93	79	72554	9.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	108118	7.839	ng		98
17) 2-Methylphenol	7.05	107	62101	7.446	ng		98
18) Hexachloroethane	7.31	117	29405	7.780	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	52543	8.404	ng		96
20) 3+4-Methylphenols	7.20	107	77869	7.472	ng	#	68
22) Acetophenone	7.20	105	110625	9.012	ng	#	97
24) Nitrobenzene	7.38	77	82242	8.001	ng		98
25) Isophorone	7.62	82	143455	7.497	ng		98
26) 2-Nitrophenol	7.69	139	36133	6.645	ng		99
27) 2,4-Dimethylphenol	7.73	122	55780	6.967	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	91789	8.276	ng		98
29) 2,4-Dichlorophenol	7.93	162	60708	7.459	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	70140	7.776	ng		96
31) Naphthalene	8.10	128	227214	8.428	ng		99
32) Benzoic acid	7.80	122	20100m	3.272	ng		
33) 4-Chloroaniline	8.15	127	92517	7.476	ng		99
34) Hexachlorobutadiene	8.22	225	40201	7.646	ng		99
35) Caprolactam	8.48	113	19759	7.591	ng	#	85
36) 4-Chloro-3-methylphenol	8.63	107	62067	7.633	ng		99
37) 2-Methylnaphthalene	8.79	142	152228	8.650	ng		99
38) 1-Methylnaphthalene	8.89	142	142734	8.619	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	72457	8.497	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	27655	5.787	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	43043	7.115	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	46853	6.827	ng		98
46) 1,1'-Biphenyl	9.26	154	193982	9.096	ng		98
47) 2-Chloronaphthalene	9.28	162	141182	8.096	ng		98
48) 2-Nitroaniline	9.37	65	39792	7.265	ng		85
49) Acenaphthylene	9.69	152	226212	8.405	ng		98
50) Dimethylphthalate	9.55	163	160376	7.797	ng		98
51) 2,6-Dinitrotoluene	9.61	165	33215	7.125	ng		91
52) Acenaphthene	9.86	154	137677	8.577	ng		99
53) 3-Nitroaniline	9.78	138	37388	6.678	ng		99
54) 2,4-Dinitrophenol	9.89	184	8743	3.499	ng	#	83
55) Dibenzofuran	10.03	168	207643	8.437	ng		97
56) 4-Nitrophenol	9.94	139	24934	5.913	ng		95
57) 2,4-Dinitrotoluene	10.02	165	42591	6.886	ng		97
58) Fluorene	10.38	166	156751	8.262	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	36415	6.744	ng		96
60) Diethylphthalate	10.25	149	162194	8.006	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	80540	8.220	ng		90
62) 4-Nitroaniline	10.39	138	37285	6.708	ng		99
63) Azobenzene	10.53	77	156609	8.516	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16665	5.038	ng		93
66) n-Nitrosodiphenylamine	10.49	169	141257	8.344	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	47097	7.527	ng		98
68) Hexachlorobenzene	10.93	284	54112	8.044	ng		98
69) Atrazine	11.01	200	44415	8.478	ng		99
70) Pentachlorophenol	11.12	266	18207	4.868	ng		100
71) Phenanthrene	11.34	178	234867	8.570	ng		98
72) Anthracene	11.39	178	237449	8.596	ng		99
73) Carbazole	11.54	167	216280	7.909	ng		100
74) Di-n-butylphthalate	11.88	149	257794	8.386	ng		98
75) Fluoranthene	12.53	202	255860	8.166	ng		97
77) Benzidine	12.65	184	133634	8.782	ng		96
78) Pyrene	12.76	202	267275	8.385	ng		98
80) Butylbenzylphthalate	13.37	149	103262	7.296	ng		99
81) Benzo(a)anthracene	13.94	228	240538	8.898	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	97280	9.421	ng		97
83) Chrysene	13.97	228	237944	8.581	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	150593	8.718	ng		97
85) Di-n-octyl phthalate	14.54	149	259029	7.857	ng		98
87) Indeno(1,2,3-cd)pyrene	16.80	276	264196	8.540	ng		98
88) Benzo(b)fluoranthene	14.97	252	227878	7.522	ng		98
89) Benzo(k)fluoranthene	15.00	252	230004	8.580	ng		97
90) Benzo(a)pyrene	15.33	252	203664	7.512	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	219001	8.828	ng		98
92) Benzo(g,h,i)perylene	17.23	276	220480	8.818	ng		98

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

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