Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120613.D
Acq On : 12 Jun 2020 16:16
Operator : JU/CG
Sample : L2182-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT2-2020

Quant Time: Jun 12 17:01:02 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	145277	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	547224	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	283846	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	543813	20.00	ng		0.00
76) Chrysene-d12	13.95	240	446372	20.00	ng		-0.01
86) Perylene-d12	15.39	264	505008	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1228177	144.94	ng		0.00
7) Phenol-d6	6.43	99	1566176	148.40	ng		0.00
23) Nitrobenzene-d5	7.36	82	970156	99.10	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	490378	148.59	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1781909	96.05	ng		0.00
79) Terphenyl-d14	12.90	244	2017888	99.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	29195	7.269	ng		98
3) Pyridine	3.27	79	62977	5.578	ng		98
4) n-Nitrosodimethylamine	3.14	42	34516	7.367	ng		94
6) Aniline	6.46	93	113460	8.400	ng		99
8) 2-Chlorophenol	6.58	128	74151	7.744	ng		92
9) Benzaldehyde	6.35	77	62994	9.437	ng		97
10) Phenol	6.45	94	94265	8.371	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	72946	7.777	ng		97
12) 1,3-Dichlorobenzene	6.74	146	79838	7.843	ng		98
13) 1,4-Dichlorobenzene	6.82	146	81678	8.132	ng		99
14) 1,2-Dichlorobenzene	6.97	146	75659	7.733	ng		98
15) Benzyl Alcohol	6.93	79	70183	9.377	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	106543	7.889	ng		99
17) 2-Methylphenol	7.05	107	58862	7.207	ng		99
18) Hexachloroethane	7.31	117	29185	7.886	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	51746	8.453	ng		96
20) 3+4-Methylphenols	7.20	107	76217	7.468	ng	#	69
22) Acetophenone	7.20	105	108637	8.880	ng		96
24) Nitrobenzene	7.37	77	82293	8.033	ng		89
25) Isophorone	7.61	82	142596	7.477	ng	#	93
26) 2-Nitrophenol	7.69	139	36008	6.644	ng		99
27) 2,4-Dimethylphenol	7.73	122	55147	6.910	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	90595	8.195	ng		98
29) 2,4-Dichlorophenol	7.93	162	60274	7.430	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	69685	7.752	ng		98
31) Naphthalene	8.10	128	232054	8.636	ng		99
32) Benzoic acid	7.80	122	18766	3.065	ng		96
33) 4-Chloroaniline	8.15	127	92539	7.503	ng		97
34) Hexachlorobutadiene	8.22	225	40358	7.702	ng		98
35) Caprolactam	8.48	113	20383	7.856	ng	#	82
36) 4-Chloro-3-methylphenol	8.63	107	63029	7.777	ng		96
37) 2-Methylnaphthalene	8.79	142	150992	8.608	ng		98
38) 1-Methylnaphthalene	8.89	142	144110	8.731	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	72480	8.552	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	27190	5.725	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	42746	7.110	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	45415	6.658	ng		98
46) 1,1'-Biphenyl	9.25	154	193298	9.120	ng		96
47) 2-Chloronaphthalene	9.28	162	139510	8.049	ng		99
48) 2-Nitroaniline	9.37	65	39337	7.227	ng		92
49) Acenaphthylene	9.69	152	224253	8.384	ng		98
50) Dimethylphthalate	9.55	163	161784	7.914	ng		98
51) 2,6-Dinitrotoluene	9.61	165	32498	7.015	ng		95
52) Acenaphthene	9.86	154	137120	8.595	ng		99
53) 3-Nitroaniline	9.78	138	36698	6.595	ng		98
54) 2,4-Dinitrophenol	9.89	184	9019	3.631	ng	#	84
55) Dibenzofuran	10.03	168	206218	8.430	ng		98
56) 4-Nitrophenol	9.94	139	24945	5.952	ng		94
57) 2,4-Dinitrotoluene	10.02	165	42646	6.937	ng		98
58) Fluorene	10.37	166	155288	8.235	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	37036	6.902	ng		97
60) Diethylphthalate	10.25	149	158922	7.893	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	79648	8.179	ng		99
62) 4-Nitroaniline	10.39	138	37867	6.855	ng		100
63) Azobenzene	10.53	77	154853	8.473	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	16923	5.186	ng		99
66) n-Nitrosodiphenylamine	10.49	169	137722	8.247	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	47822	7.748	ng		98
68) Hexachlorobenzene	10.93	284	52732	7.947	ng		97
69) Atrazine	11.01	200	44755	8.660	ng		96
70) Pentachlorophenol	11.12	266	18207	4.935	ng		95
71) Phenanthrene	11.34	178	230459	8.525	ng		99
72) Anthracene	11.39	178	233252	8.560	ng		99
73) Carbazole	11.55	167	215567	7.992	ng		98
74) Di-n-butylphthalate	11.87	149	253296	8.353	ng		99
75) Fluoranthene	12.52	202	254917	8.248	ng		99
77) Benzidine	12.64	184	133718	8.858	ng		96
78) Pyrene	12.75	202	262198	8.292	ng		99
80) Butylbenzylphthalate	13.37	149	101872	7.255	ng		97
81) Benzo(a)anthracene	13.94	228	237131	8.842	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	95623	9.335	ng		98
83) Chrysene	13.97	228	232662	8.458	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	147540	8.610	ng		99
85) Di-n-octyl phthalate	14.54	149	253805	7.761	ng		99
87) Indeno(1,2,3-cd)pyrene	16.79	276	259407	8.445	ng		99
88) Benzo(b)fluoranthene	14.97	252	231655	7.701	ng		96
89) Benzo(k)fluoranthene	15.00	252	224410	8.431	ng		99
90) Benzo(a)pyrene	15.32	252	204242	7.586	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	220322	8.944	ng		98
92) Benzo(g,h,i)perylene	17.22	276	219880	8.856	ng		99

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

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