Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120615.D
Acq On : 12 Jun 2020 17:22
Operator : JU/CG
Sample : L2182-02
Misc : LOO-SOIL-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2020

Quant Time: Jun 12 17:54:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:54:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146657	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	536613	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	282526	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	533677	20.00	ng		0.00
76) Chrysene-d12	13.95	240	436207	20.00	ng		-0.01
86) Perylene-d12	15.39	264	493139	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1218467	142.44	ng		0.00
7) Phenol-d6	6.43	99	1555875	146.03	ng		0.00
23) Nitrobenzene-d5	7.36	82	951410	99.10	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	468520	142.63	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1709522	92.58	ng		0.00
79) Terphenyl-d14	12.90	244	1985417	100.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	40005	9.867	ng		96
3) Pyridine	3.26	79	81752	7.173	ng		98
4) n-Nitrosodimethylamine	3.15	42	42613	9.009	ng		100
6) Aniline	6.46	93	142508	10.452	ng		100
8) 2-Chlorophenol	6.58	128	92774	9.598	ng		95
9) Benzaldehyde	6.35	77	80846	11.997	ng		96
10) Phenol	6.45	94	121099	10.653	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	91073	9.619	ng		96
12) 1,3-Dichlorobenzene	6.74	146	100184	9.749	ng		99
13) 1,4-Dichlorobenzene	6.82	146	103200	10.178	ng		98
14) 1,2-Dichlorobenzene	6.97	146	95443	9.663	ng		99
15) Benzyl Alcohol	6.93	79	85170	11.272	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	136006	9.976	ng		98
17) 2-Methylphenol	7.05	107	76486	9.277	ng		99
18) Hexachloroethane	7.31	117	36633	9.805	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	65818	10.650	ng		97
20) 3+4-Methylphenols	7.20	107	96454	9.362	ng	#	71
22) Acetophenone	7.20	105	137807	11.487	ng		96
24) Nitrobenzene	7.37	77	99074	9.862	ng		92
25) Isophorone	7.61	82	177163	9.474	ng		95
26) 2-Nitrophenol	7.69	139	45981	8.652	ng		97
27) 2,4-Dimethylphenol	7.73	122	66433	8.489	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	112043	10.336	ng		99
29) 2,4-Dichlorophenol	7.93	162	75615	9.506	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	86739	9.840	ng		100
31) Naphthalene	8.10	128	284247	10.788	ng		100
32) Benzoic acid	7.80	122	29192	4.862	ng		96
33) 4-Chloroaniline	8.15	127	115336	9.536	ng		97
34) Hexachlorobutadiene	8.22	225	51562	10.034	ng		98
35) Caprolactam	8.48	113	24463	9.616	ng	#	76
36) 4-Chloro-3-methylphenol	8.63	107	76475	9.623	ng		99
37) 2-Methylnaphthalene	8.79	142	184598	10.732	ng		98
38) 1-Methylnaphthalene	8.89	142	174503	10.781	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	88801	10.526	ng		99

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Misc : LOO-SOIL-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2020

Quant Time: Jun 12 17:54:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	33818	7.154	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	52857	8.833	ng		97
44) 2,4,5-Trichlorophenol	9.11	196	57516	8.472	ng		97
46) 1,1'-Biphenyl	9.25	154	236388	11.205	ng		97
47) 2-Chloronaphthalene	9.28	162	174306	10.104	ng		98
48) 2-Nitroaniline	9.37	65	47718	8.807	ng		93
49) Acenaphthylene	9.69	152	284991	10.704	ng		98
50) Dimethylphthalate	9.55	163	196017	9.633	ng		98
51) 2,6-Dinitrotoluene	9.61	165	41520	9.004	ng		93
52) Acenaphthene	9.86	154	174513	10.990	ng		99
53) 3-Nitroaniline	9.78	138	47494	8.575	ng		96
54) 2,4-Dinitrophenol	9.89	184	12635	5.111	ng	#	89
55) Dibenzofuran	10.03	168	258286	10.608	ng		99
56) 4-Nitrophenol	9.94	139	31961	7.662	ng		92
57) 2,4-Dinitrotoluene	10.02	165	54989	8.987	ng		99
58) Fluorene	10.37	166	196156	10.451	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	45821	8.579	ng		95
60) Diethylphthalate	10.25	149	196953	9.828	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	98920	10.206	ng		97
62) 4-Nitroaniline	10.39	138	47168	8.578	ng		97
63) Azobenzene	10.53	77	190609	10.478	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	22139	6.914	ng		97
66) n-Nitrosodiphenylamine	10.49	169	172463	10.523	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	58948	9.733	ng		97
68) Hexachlorobenzene	10.93	284	67881	10.424	ng		94
69) Atrazine	11.01	200	54571	10.760	ng		100
70) Pentachlorophenol	11.12	266	24168	6.675	ng		99
71) Phenanthrene	11.34	178	286568	10.802	ng		99
72) Anthracene	11.39	178	289490	10.826	ng		98
73) Carbazole	11.55	167	270235	10.209	ng		99
74) Di-n-butylphthalate	11.87	149	317584	10.672	ng		99
75) Fluoranthene	12.52	202	312879	10.315	ng		99
77) Benzidine	12.65	184	167435	11.350	ng	#	94
78) Pyrene	12.75	202	322090	10.423	ng		98
80) Butylbenzylphthalate	13.37	149	126264	9.202	ng		97
81) Benzo(a)anthracene	13.94	228	291829	11.136	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	116256	11.614	ng		99
83) Chrysene	13.97	228	290259	10.798	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	186311	11.126	ng		99
85) Di-n-octyl phthalate	14.55	149	317349	9.930	ng		99
87) Indeno(1,2,3-cd)pyrene	16.80	276	333879	11.131	ng		99
88) Benzo(b)fluoranthene	14.97	252	295090	10.046	ng		100
89) Benzo(k)fluoranthene	15.00	252	265233	10.204	ng		99
90) Benzo(a)pyrene	15.32	252	252688	9.612	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	283812	11.799	ng		98
92) Benzo(g,h,i)perylene	17.22	276	279690	11.536	ng		98

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

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