Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115848.D
Acq On : 30 Jul 2019 18:08
Operator : HP/JU
Sample : K3591-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2019

Quant Time: Jul 31 04:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135875	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	536517	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	283786	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	490329	20.00	ng		0.00
76) Chrysene-d12	14.02	240	386032	20.00	ng		0.00
87) Perylene-d12	15.49	264	369708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	947700	116.76	ng		0.00
7) Phenol-d6	6.49	99	1199591	117.14	ng		0.00
23) Nitrobenzene-d5	7.42	82	764202	82.22	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	327259	118.94	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1281056	84.55	ng		0.00
79) Terphenyl-d14	12.96	244	1393732	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	42670	10.406	ng		99
3) Pyridine	3.42	79	89645	7.826	ng		96
4) n-Nitrosodimethylamine	3.30	42	42052	9.303	ng		94
6) Aniline	6.52	93	148764	10.144	ng		99
8) 2-Chlorophenol	6.64	128	92448	10.300	ng		98
9) Benzaldehyde	6.40	77	80976	11.460	ng		98
10) Phenol	6.49	94	127165	10.545	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	88490	9.981	ng		97
12) 1,3-Dichlorobenzene	6.79	146	102951	9.925	ng		98
13) 1,4-Dichlorobenzene	6.87	146	106695	10.273	ng		99
14) 1,2-Dichlorobenzene	7.02	146	97791	10.226	ng		98
15) Benzyl Alcohol	6.99	79	85391	10.988	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	118170	9.772	ng		99
17) 2-Methylphenol	7.10	107	78413	10.318	ng		98
18) Hexachloroethane	7.36	117	36556	9.560	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	65428	10.311	ng		96
20) 3+4-Methylphenols	7.26	107	102436	11.390	ng	#	56
22) Acetophenone	7.26	105	133869	11.377	ng		99
24) Nitrobenzene	7.43	77	106186	10.580	ng		99
25) Isophorone	7.67	82	179523	10.101	ng		100
26) 2-Nitrophenol	7.75	139	45202	9.555	ng		99
27) 2,4-Dimethylphenol	7.78	122	80259	11.276	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	110713	10.050	ng		99
29) 2,4-Dichlorophenol	7.99	162	76790	10.218	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	85846	10.021	ng		99
31) Naphthalene	8.15	128	280387	11.106	ng		98
32) Benzoic acid	7.87	122	30752	6.128	ng		98
33) 4-Chloroaniline	8.20	127	114231	10.126	ng		97
34) Hexachlorobutadiene	8.27	225	48009	9.730	ng		99
35) Caprolactam	8.55	113	23497	9.667	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	80564	10.305	ng		99
37) 2-Methylnaphthalene	8.85	142	185721	11.169	ng		98
38) 1-Methylnaphthalene	8.95	142	170901	10.864	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	81460	10.737	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	17979	6.063	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	49102	9.403	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	53279	9.870	ng	#	93
46) 1,1'-Biphenyl	9.31	154	229485	11.454	ng		98
47) 2-Chloronaphthalene	9.34	162	172108	10.321	ng		99
48) 2-Nitroaniline	9.43	65	51134	9.277	ng		84
49) Acenaphthylene	9.75	152	272101	11.185	ng		98
50) Dimethylphthalate	9.60	163	191387	9.905	ng		99
51) 2,6-Dinitrotoluene	9.67	165	41144	9.798	ng		89
52) Acenaphthene	9.93	154	161803	10.841	ng		99
53) 3-Nitroaniline	9.84	138	46991	9.057	ng		93
54) 2,4-Dinitrophenol	9.96	184	8932	5.009	ng		95
55) Dibenzofuran	10.10	168	244516	11.266	ng		99
56) 4-Nitrophenol	10.00	139	26551	7.988	ng		93
57) 2,4-Dinitrotoluene	10.07	165	53304	9.534	ng		87
58) Fluorene	10.44	166	188588	11.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	42745	9.412	ng		97
60) Diethylphthalate	10.31	149	179430	9.946	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	90270	10.674	ng		95
62) 4-Nitroaniline	10.45	138	49566	9.244	ng		98
63) Azobenzene	10.59	77	196066	10.567	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	18502	7.120	ng		95
66) n-Nitrosodiphenylamine	10.54	169	161984	10.976	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	52464	9.995	ng		94
68) Hexachlorobenzene	10.99	284	59707	9.837	ng		97
69) Atrazine	11.07	200	47295	9.741	ng		99
70) Pentachlorophenol	11.19	266	21861	7.419	ng		99
71) Phenanthrene	11.40	178	280095	11.174	ng		99
72) Anthracene	11.45	178	285234	11.244	ng		100
73) Carbazole	11.61	167	252604	10.975	ng		96
74) Di-n-butylphthalate	11.94	149	261086	9.724	ng		98
75) Fluoranthene	12.59	202	286769	10.928	ng		99
77) Benzidine	12.71	184	132420	10.154	ng		98
78) Pyrene	12.82	202	297316	10.217	ng		97
80) Butylbenzylphthalate	13.43	149	101457	8.242	ng		95
81) Benzo(a)anthracene	14.01	228	246938	10.008	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	88085	10.276	ng		98
83) Chrysene	14.04	228	243913	10.182	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	137194	8.577	ng		98
85) Di-n-octyl phthalate	14.60	149	215922	8.498	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	183473	9.119	ng		99
88) Benzo(b)fluoranthene	15.06	252	222811	10.423	ng		99
89) Benzo(k)fluoranthene	15.09	252	200647	9.637	ng		97
90) Benzo(a)pyrene	15.42	252	192437	10.070	ng		100
91) Dibenzo(a,h)anthracene	16.97	278	153822	9.299	ng		99
92) Benzo(g,h,i)perylene	17.40	276	147866	9.102	ng		98

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

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