Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114655.D
Acq On : 30 May 2019 12:35
Operator : HP/JU
Sample : K2241-02
Misc : LOO-SOIL-20PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/3/2019 8:46:59 AM

Quant Time: May 30 14:41:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 14:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	459299	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1605218	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	799479	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1480879	20.00	ng		0.00
76) Chrysene-d12	13.82	240	1045384	20.00	ng		0.00
87) Perylene-d12	15.20	264	1152126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	5507218	210.52	ng		0.02
7) Phenol-d6	6.35	99	6587759	208.98	ng		0.02
23) Nitrobenzene-d5	7.27	82	4341736	168.75	ng		0.01
42) 2,4,6-Tribromophenol	10.52	330	1905715	250.17	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	5922648	123.08	ng		0.01
79) Terphenyl-d14	12.79	244	6278203	112.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	241586	19.244	ng		98
3) Pyridine	3.16	79	594049	16.259	ng		98
4) n-Nitrosodimethylamine	2.99	42	247791	16.760	ng		97
6) Aniline	6.38	93	785616	16.499	ng		97
8) 2-Chlorophenol	6.49	128	520734	17.236	ng		94
9) Benzaldehyde	6.25	77	464464	25.823	ng		99
10) Phenol	6.36	94	591134	15.523	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	511961	17.576	ng		96
12) 1,3-Dichlorobenzene	6.64	146	640496	18.608	ng		99
13) 1,4-Dichlorobenzene	6.72	146	650643	18.843	ng		99
14) 1,2-Dichlorobenzene	6.87	146	552205	17.565	ng		97
15) Benzyl Alcohol	6.83	79	455712m	18.378	ng		
16) 2,2'-oxybis(1-Chloropropan	6.98	45	771596	17.270	ng		100
17) 2-Methylphenol	6.95	107	458951	17.961	ng		99
18) Hexachloroethane	7.21	117	232307	17.769	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	399210	18.346	ng		98
20) 3+4-Methylphenols	7.10	107	574996	19.133	ng		97
22) Acetophenone	7.10	105	775810	22.683	ng	#	99
24) Nitrobenzene	7.28	77	568728	20.809	ng		95
25) Isophorone	7.52	82	1035005	20.045	ng		100
26) 2-Nitrophenol	7.59	139	278509	20.934	ng		94
27) 2,4-Dimethylphenol	7.63	122	506983	22.914	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	672531	20.461	ng		99
29) 2,4-Dichlorophenol	7.83	162	478007	21.225	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	544832	21.234	ng		98
31) Naphthalene	8.00	128	1649622	22.311	ng		98
32) Benzoic acid	7.73	122	281895	19.615	ng		98
33) 4-Chloroaniline	8.04	127	710490	20.169	ng		99
34) Hexachlorobutadiene	8.13	225	294376	20.653	ng		99
35) Caprolactam	8.40	113	147029	19.345	ng		95
36) 4-Chloro-3-methylphenol	8.52	107	476414	21.094	ng		99
37) 2-Methylnaphthalene	8.69	142	1116090	22.719	ng		98
38) 1-Methylnaphthalene	8.78	142	1069389	22.975	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	485342	22.796	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	323393	22.986	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	340031	20.298	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	358118	21.422	ng	98
46) 1,1'-Biphenyl	9.15	154	1330452	22.419	ng	96
47) 2-Chloronaphthalene	9.17	162	1057634	21.726	ng	98
48) 2-Nitroaniline	9.26	65	279270	18.590	ng	99
49) Acenaphthylene	9.58	152	1649466	21.932	ng	99
50) Dimethylphthalate	9.45	163	1165130	20.915	ng	100
51) 2,6-Dinitrotoluene	9.50	165	265733	20.528	ng	96
52) Acenaphthene	9.75	154	991426	21.495	ng	99
53) 3-Nitroaniline	9.66	138	299232	18.888	ng	99
54) 2,4-Dinitrophenol	9.77	184	87061	17.051	ng	94
55) Dibenzofuran	9.92	168	1438163	21.905	ng	98
56) 4-Nitrophenol	9.82	139	231141	19.687	ng	89
57) 2,4-Dinitrotoluene	9.90	165	336419	20.250	ng	97
58) Fluorene	10.26	166	1027206	23.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	298090	21.785	ng	100
60) Diethylphthalate	10.15	149	1161718	20.418	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	511858	23.078	ng	95
62) 4-Nitroaniline	10.27	138	280282	18.155	ng	96
63) Azobenzene	10.42	77	1113678	21.319	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	131425	20.015	ng	99
66) n-Nitrosodiphenylamine	10.38	169	975642	22.299	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	333639	21.009	ng	94
68) Hexachlorobenzene	10.81	284	360100	20.935	ng	98
69) Atrazine	10.90	200	296194	21.486	ng	98
70) Pentachlorophenol	11.00	266	196795	19.848	ng	99
71) Phenanthrene	11.22	178	1592298	21.078	ng	98
72) Anthracene	11.27	178	1667013	21.804	ng	98
73) Carbazole	11.42	167	1460018	21.728	ng	98
74) Di-n-butylphthalate	11.77	149	1775555	21.749	ng	97
75) Fluoranthene	12.40	202	1617373	20.677	ng	97
77) Benzidine	12.52	184	910835	21.159	ng	97
78) Pyrene	12.62	202	1645060	18.603	ng	98
80) Butylbenzylphthalate	13.25	149	744637	16.755	ng	97
81) Benzo(a)anthracene	13.80	228	1528070	19.021	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	579752	18.687	ng	100
83) Chrysene	13.84	228	1436199	18.712	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	1007250	18.332	ng	100
85) Di-n-octyl phthalate	14.43	149	1726625	18.087	ng	97
86) Indeno(1,2,3-cd)pyrene	16.52	276	1406715	18.299	ng	99
88) Benzo(b)fluoranthene	14.82	252	1494666	20.598	ng	97
89) Benzo(k)fluoranthene	14.84	252	1329905	21.086	ng	99
90) Benzo(a)pyrene	15.14	252	1372542	21.531	ng	100
91) Dibenzo(a,h)anthracene	16.53	278	1199225	21.289	ng	100
92) Benzo(g,h,i)perylene	16.91	276	1115506	20.403	ng	99

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

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