Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114654.D
Acq On : 30 May 2019 12:09
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/3/2019 8:46:56 AM

Quant Time: May 30 14:40:16 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	6.69	152	424626	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1588667	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	798254	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1518798	20.00	ng		0.00
76) Chrysene-d12	13.82	240	1137790	20.00	ng		0.00
87) Perylene-d12	15.20	264	1207860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2661699	110.05	ng		0.00
7) Phenol-d6	6.33	99	3205835	110.00	ng		0.00
23) Nitrobenzene-d5	7.26	82	1960237	76.98	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	931538	122.47	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3410546	70.98	ng		0.00
79) Terphenyl-d14	12.78	244	3647584	60.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	94211	8.117	ng		99
3) Pyridine	3.09	79	232829	6.893	ng		97
4) n-Nitrosodimethylamine	2.97	42	98750	7.224	ng		100
6) Aniline	6.36	93	342153	7.772	ng		96
8) 2-Chlorophenol	6.47	128	229328	8.211	ng		97
9) Benzaldehyde	6.23	77	188774	11.352	ng		100
10) Phenol	6.34	94	282585	8.026	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	212238	7.881	ng		99
12) 1,3-Dichlorobenzene	6.63	146	256740	8.068	ng		98
13) 1,4-Dichlorobenzene	6.71	146	256959	8.049	ng		97
14) 1,2-Dichlorobenzene	6.86	146	241271	8.301	ng		99
15) Benzyl Alcohol	6.83	79	190517m	8.310	ng		
16) 2,2'-oxybis(1-Chloropropan	6.97	45	303343	7.344	ng		99
17) 2-Methylphenol	6.95	107	181183	7.670	ng		98
18) Hexachloroethane	7.21	117	89077	7.370	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	155681	7.739	ng		96
20) 3+4-Methylphenols	7.10	107	232268	8.360	ng	#	88
22) Acetophenone	7.10	105	317648	9.384	ng		98
24) Nitrobenzene	7.27	77	236096	8.728	ng		99
25) Isophorone	7.51	82	418091	8.181	ng		100
26) 2-Nitrophenol	7.59	139	100827	7.658	ng		96
27) 2,4-Dimethylphenol	7.63	122	200036	9.135	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	268536	8.255	ng		98
29) 2,4-Dichlorophenol	7.83	162	189694	8.511	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	219940	8.661	ng		99
31) Naphthalene	7.99	128	688643	9.411	ng		97
32) Benzoic acid	7.69	122	88427	6.217	ng		98
33) 4-Chloroaniline	8.04	127	288054	8.262	ng		97
34) Hexachlorobutadiene	8.12	225	116920	8.288	ng		96
35) Caprolactam	8.37	113	57688	7.669	ng		98
36) 4-Chloro-3-methylphenol	8.52	107	188271	8.423	ng		100
37) 2-Methylnaphthalene	8.68	142	471612	9.700	ng		99
38) 1-Methylnaphthalene	8.78	142	442388	9.603	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	201038	9.457	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	124029	8.829	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	132436	7.918	ng		96
44) 2,4,5-Trichlorophenol	8.99	196	140302	8.406	ng		97
46) 1,1'-Biphenyl	9.15	154	565020	9.535	ng		96
47) 2-Chloronaphthalene	9.17	162	433898	8.927	ng		96
48) 2-Nitroaniline	9.26	65	107471	7.165	ng		91
49) Acenaphthylene	9.57	152	694449	9.248	ng		96
50) Dimethylphthalate	9.45	163	485117	8.721	ng		98
51) 2,6-Dinitrotoluene	9.50	165	104273	8.068	ng		97
52) Acenaphthene	9.75	154	411430	8.934	ng		98
53) 3-Nitroaniline	9.66	138	118203	7.472	ng		93
54) 2,4-Dinitrophenol	9.76	184	25249	4.953	ng	#	53
55) Dibenzofuran	9.92	168	611013	9.321	ng		94
56) 4-Nitrophenol	9.81	139	85551	7.298	ng		90
57) 2,4-Dinitrotoluene	9.89	165	127501	7.686	ng		99
58) Fluorene	10.26	166	464571	10.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	113468	8.305	ng		97
60) Diethylphthalate	10.15	149	485331	8.543	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	223694	10.101	ng		93
62) 4-Nitroaniline	10.26	138	110070	7.141	ng		96
63) Azobenzene	10.42	77	461717	8.852	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	39971	5.935	ng		92
66) n-Nitrosodiphenylamine	10.37	169	409237	9.120	ng		98
67) 4-Bromophenyl-phenylether	10.75	248	139030	8.536	ng		98
68) Hexachlorobenzene	10.81	284	152128	8.624	ng		98
69) Atrazine	10.90	200	123257	8.718	ng		99
70) Pentachlorophenol	11.00	266	73915	7.269	ng		98
71) Phenanthrene	11.22	178	698929	9.021	ng		96
72) Anthracene	11.26	178	708150	9.031	ng		98
73) Carbazole	11.42	167	626847	9.096	ng		97
74) Di-n-butylphthalate	11.77	149	744377	8.890	ng	#	96
75) Fluoranthene	12.39	202	700677	8.734	ng		97
77) Benzidine	12.52	184	376078	8.027	ng		98
78) Pyrene	12.62	202	711660	7.394	ng		96
80) Butylbenzylphthalate	13.25	149	298089	6.163	ng		98
81) Benzo(a)anthracene	13.80	228	652482	7.462	ng		96
82) 3,3'-Dichlorobenzidine	13.77	252	239320	7.087	ng		98
83) Chrysene	13.84	228	618242	7.401	ng		95
84) Bis(2-ethylhexyl)phthalate	13.82	149	417048	6.974	ng		99
85) Di-n-octyl phthalate	14.43	149	692817	6.668	ng		98
86) Indeno(1,2,3-cd)pyrene	16.52	276	591206	7.066	ng		99
88) Benzo(b)fluoranthene	14.81	252	582344	7.655	ng		97
89) Benzo(k)fluoranthene	14.84	252	620219	9.380	ng		96
90) Benzo(a)pyrene	15.14	252	566764	8.480	ng		98
91) Dibenzo(a,h)anthracene	16.53	278	499645	8.460	ng		97
92) Benzo(g,h,i)perylene	16.90	276	476002	8.305	ng		98

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

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