Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114653.D
Acq On : 30 May 2019 11:33
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/3/2019 8:46:53 AM

Quant Time: May 30 14:39:39 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	404526	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1509946	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	747737	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	1414657	20.00	ng		0.00
76) Chrysene-d12	13.81	240	1091096	20.00	ng		0.00
87) Perylene-d12	15.20	264	1141737	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	3103290	134.69	ng		0.01
7) Phenol-d6	6.33	99	3737911	134.63	ng		0.00
23) Nitrobenzene-d5	7.26	82	2243228	92.69	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	1087326	152.61	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3780059	83.99	ng		0.00
79) Terphenyl-d14	12.78	244	4095641	70.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	61371	5.550	ng		99
3) Pyridine	3.14	79	154059	4.788	ng		99
4) n-Nitrosodimethylamine	2.98	42	61128	4.694	ng	#	99
6) Aniline	6.36	93	223263	5.324	ng		97
8) 2-Chlorophenol	6.48	128	150256	5.647	ng		96
9) Benzaldehyde	6.24	77	123357	7.787	ng		95
10) Phenol	6.34	94	181057	5.398	ng	#	71
11) bis(2-Chloroethyl)ether	6.43	93	143314	5.586	ng		98
12) 1,3-Dichlorobenzene	6.63	146	172952	5.705	ng		97
13) 1,4-Dichlorobenzene	6.71	146	173163	5.694	ng		99
14) 1,2-Dichlorobenzene	6.86	146	158774	5.734	ng		99
15) Benzyl Alcohol	6.83	79	115949m	5.309	ng		
16) 2,2'-oxybis(1-Chloropropan	6.97	45	201944	5.132	ng		99
17) 2-Methylphenol	6.94	107	122242	5.432	ng		99
18) Hexachloroethane	7.21	117	59332	5.153	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	103123	5.381	ng		95
20) 3+4-Methylphenols	7.10	107	154203	5.826	ng		91
22) Acetophenone	7.10	105	211256	6.566	ng		98
24) Nitrobenzene	7.27	77	159201	6.192	ng		97
25) Isophorone	7.51	82	277213	5.707	ng		100
26) 2-Nitrophenol	7.59	139	60802	4.859	ng		99
27) 2,4-Dimethylphenol	7.63	122	130948	6.292	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	178077	5.760	ng		98
29) 2,4-Dichlorophenol	7.83	162	123101	5.811	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	143059	5.927	ng		98
31) Naphthalene	7.99	128	461129	6.630	ng		96
32) Benzoic acid	7.69	122	46998	3.477	ng		94
33) 4-Chloroaniline	8.04	127	189935	5.732	ng		98
34) Hexachlorobutadiene	8.12	225	77579	5.786	ng		99
35) Caprolactam	8.36	113	37106	5.190	ng		96
36) 4-Chloro-3-methylphenol	8.52	107	126018	5.932	ng		99
37) 2-Methylnaphthalene	8.68	142	311510	6.741	ng		99
38) 1-Methylnaphthalene	8.78	142	297989	6.806	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	134345	6.747	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	79335	6.029	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	86781	5.539	ng		97
44) 2,4,5-Trichlorophenol	8.99	196	91081	5.825	ng		98
46) 1,1'-Biphenyl	9.15	154	380826	6.861	ng		96
47) 2-Chloronaphthalene	9.17	162	287583	6.316	ng		97
48) 2-Nitroaniline	9.25	65	67591	4.811	ng		94
49) Acenaphthylene	9.57	152	466104	6.627	ng		96
50) Dimethylphthalate	9.44	163	320404	6.149	ng		99
51) 2,6-Dinitrotoluene	9.50	165	65947	5.447	ng		98
52) Acenaphthene	9.75	154	274571	6.365	ng		99
53) 3-Nitroaniline	9.66	138	75112	5.069	ng		96
54) 2,4-Dinitrophenol	9.76	184	12572	2.633	ng	#	39
55) Dibenzofuran	9.92	168	409019	6.661	ng		95
56) 4-Nitrophenol	9.81	139	52196	4.753	ng		90
57) 2,4-Dinitrotoluene	9.89	165	79389	5.109	ng		97
58) Fluorene	10.26	166	312203	7.530	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	72599	5.673	ng		97
60) Diethylphthalate	10.15	149	317098	5.959	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	152936	7.373	ng		99
62) 4-Nitroaniline	10.26	138	70024	4.850	ng		96
63) Azobenzene	10.42	77	303513	6.212	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	22534	3.592	ng		97
66) n-Nitrosodiphenylamine	10.37	169	270038	6.461	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	90300	5.952	ng		97
68) Hexachlorobenzene	10.81	284	98236	5.979	ng		96
69) Atrazine	10.90	200	80325	6.100	ng		98
70) Pentachlorophenol	11.00	266	45651	4.820	ng		97
71) Phenanthrene	11.22	178	468924	6.498	ng		96
72) Anthracene	11.26	178	481132	6.588	ng		97
73) Carbazole	11.42	167	416304	6.486	ng		96
74) Di-n-butylphthalate	11.76	149	497346	6.377	ng		97
75) Fluoranthene	12.39	202	469987	6.290	ng		95
77) Benzidine	12.52	184	233917	5.206	ng		99
78) Pyrene	12.62	202	482049	5.223	ng		96
80) Butylbenzylphthalate	13.25	149	192023	4.140	ng		97
81) Benzo(a)anthracene	13.80	228	445894	5.318	ng		96
82) 3,3'-Dichlorobenzidine	13.77	252	155156	4.792	ng		98
83) Chrysene	13.83	228	419262	5.234	ng		95
84) Bis(2-ethylhexyl)phthalate	13.82	149	276898	4.829	ng		98
85) Di-n-octyl phthalate	14.43	149	451347	4.530	ng		98
86) Indeno(1,2,3-cd)pyrene	16.50	276	375537	4.681	ng		98
88) Benzo(b)fluoranthene	14.80	252	423078	5.883	ng		98
89) Benzo(k)fluoranthene	14.83	252	376415	6.022	ng		97
90) Benzo(a)pyrene	15.14	252	376856	5.965	ng		98
91) Dibenzo(a,h)anthracene	16.53	278	318762	5.710	ng		96
92) Benzo(g,h,i)perylene	16.90	276	294371	5.433	ng		100

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

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