Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
Data File : BM019927.D
Acq On : 16 Apr 2019 11:09
Operator : JU/SJ
Sample : K1560-03
Misc : MDL 8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Manual Integrations APPROVED
Sohil
4/17/2019 4:05:10 PM

Quant Time: Apr 16 17:11:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	110142	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	477687	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	291777	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	638867	20.00	ng		0.00
76) Chrysene-d12	21.17	240	602559	20.00	ng		0.00
87) Perylene-d12	23.37	264	576457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	905457	133.23	ng		0.00
7) Phenol-d6	6.72	99	1298693	126.97	ng		0.00
23) Nitrobenzene-d5	8.70	82	971813	90.98	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	660558	140.64	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2159461	92.23	ng		0.00
79) Terphenyl-d14	19.61	244	3443331	100.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	22926	7.817	ng		96
3) Pyridine	3.56	79	56307m	6.856	ng		
4) n-Nitrosodimethylamine	3.48	42	15571	5.885	ng	#	74
6) Aniline	6.88	93	90208	6.828	ng		97
8) 2-Chlorophenol	7.10	128	59685	7.061	ng		98
9) Benzaldehyde	6.71	77	57402	7.417	ng		97
10) Phenol	6.75	94	77831	6.965	ng		90
11) bis(2-Chloroethyl)ether	6.98	93	55000	6.727	ng		99
12) 1,3-Dichlorobenzene	7.42	146	65107	7.337	ng		98
13) 1,4-Dichlorobenzene	7.56	146	65596	7.286	ng		99
14) 1,2-Dichlorobenzene	7.87	146	63880	7.156	ng		97
15) Benzyl Alcohol	7.80	79	76150m	8.190	ng		
16) 2,2'-oxybis(1-Chloropropan	8.05	45	56045	7.191	ng		97
17) 2-Methylphenol	7.99	107	47036	6.360	ng		97
18) Hexachloroethane	8.57	117	24407	6.974	ng		97
19) n-Nitroso-di-n-propylamine	8.35	70	58214	6.475	ng		98
20) 3+4-Methylphenols	8.33	107	58646	5.772	ng		98
22) Acetophenone	8.37	105	91727	7.050	ng	#	95
24) Nitrobenzene	8.75	77	90495	8.178	ng		95
25) Isophorone	9.26	82	147537	7.096	ng		100
26) 2-Nitrophenol	9.46	139	29261	6.205	ng		91
27) 2,4-Dimethylphenol	9.52	122	43629	6.544	ng		97
28) bis(2-Chloroethoxy)methane	9.76	93	78284	6.724	ng		99
29) 2,4-Dichlorophenol	10.02	162	51533m	6.806	ng		
30) 1,2,4-Trichlorobenzene	10.17	180	61413	7.535	ng		100
31) Naphthalene	10.36	128	196889	7.684	ng		98
32) Benzoic acid	9.67	122	26994m	8.918	ng		
33) 4-Chloroaniline	10.52	127	76308m	7.229	ng		
34) Hexachlorobutadiene	10.61	225	36240	7.540	ng		97
35) Caprolactam	11.34	113	16615m	5.797	ng		
36) 4-Chloro-3-methylphenol	11.65	107	62824	6.677	ng		99
37) 2-Methylnaphthalene	11.99	142	138671	7.434	ng		98
38) 1-Methylnaphthalene	12.21	142	139400	7.569	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	66769	7.418	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	3352	12.562	ng		82
43) 2,4,6-Trichlorophenol	12.63	196	39749	6.514	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	37919	5.970	ng		95
46) 1,1'-Biphenyl	13.02	154	192980	7.636	ng		100
47) 2-Chloronaphthalene	13.06	162	143550	7.447	ng		98
48) 2-Nitroaniline	13.32	65	42648	6.138	ng		90
49) Acenaphthylene	13.92	152	242249	7.223	ng		99
50) Dimethylphthalate	13.67	163	193125	7.504	ng		99
51) 2,6-Dinitrotoluene	13.81	165	40240	7.071	ng	#	86
52) Acenaphthene	14.26	154	139647	7.509	ng		98
53) 3-Nitroaniline	14.16	138	33375	5.873	ng		98
54) 2,4-Dinitrophenol	14.42	184	10335m	10.235	ng		
55) Dibenzofuran	14.60	168	222449	7.315	ng		99
56) 4-Nitrophenol	14.54	139	12157m	8.372	ng		
57) 2,4-Dinitrotoluene	14.62	165	50827	6.213	ng		96
58) Fluorene	15.26	166	183482	7.121	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	43113m	7.439	ng		
60) Diethylphthalate	15.03	149	196055	7.324	ng		99
61) 4-Chlorophenyl-phenylether	15.25	204	86560	6.977	ng		94
62) 4-Nitroaniline	15.35	138	33291m	5.946	ng		
63) Azobenzene	15.55	77	208552	7.290	ng		99
65) 4,6-Dinitro-2-methylphenol	15.40	198	17839	4.376	ng		92
66) n-Nitrosodiphenylamine	15.48	169	153447	7.347	ng		98
67) 4-Bromophenyl-phenylether	16.15	248	52472	7.144	ng		95
68) Hexachlorobenzene	16.26	284	65245	7.403	ng		96
69) Atrazine	16.44	200	51609	7.279	ng		96
70) Pentachlorophenol	16.63	266	26469m	5.878	ng		
71) Phenanthrene	17.00	178	280134	7.389	ng		99
72) Anthracene	17.10	178	263854	6.992	ng		100
73) Carbazole	17.39	167	238398	6.766	ng		100
74) Di-n-butylphthalate	17.93	149	299621	6.475	ng		99
75) Fluoranthene	19.04	202	300418	6.886	ng		100
77) Benzidine	19.25	184	105780	6.363	ng		98
78) Pyrene	19.40	202	314435	7.880	ng		99
80) Butylbenzylphthalate	20.31	149	128069	6.620	ng		95
81) Benzo(a)anthracene	21.16	228	280247	7.342	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	99917	7.036	ng		98
83) Chrysene	21.22	228	276211	7.546	ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	180601	6.271	ng		100
85) Di-n-octyl phthalate	21.94	149	298893	6.396	ng		99
86) Indeno(1,2,3-cd)pyrene	25.58	276	297942	8.274	ng		99
88) Benzo(b)fluoranthene	22.72	252	275558	7.199	ng		99
89) Benzo(k)fluoranthene	22.76	252	256732	7.124	ng		98
90) Benzo(a)pyrene	23.28	252	244658	7.214	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	245591	7.511	ng		99
92) Benzo(g,h,i)perylene	26.27	276	235300	7.945	ng		98

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

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