Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
Data File : BM019930.D
Acq On : 16 Apr 2019 12:58
Operator : JU/SJ
Sample : K1560-02
Misc : LOQ 20PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2019

Manual Integrations APPROVED
Sohil
4/17/2019 4:05:15 PM

Quant Time: Apr 16 17:04:02 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	113678	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	516001	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	308659	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	697682	20.00	ng		0.00
76) Chrysene-d12	21.17	240	716688	20.00	ng		0.00
87) Perylene-d12	23.37	264	649160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	954735	136.11	ng		0.00
7) Phenol-d6	6.72	99	1394531	132.10	ng		0.00
23) Nitrobenzene-d5	8.70	82	951295	82.45	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	726538	146.23	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2062340	83.27	ng		0.00
79) Terphenyl-d14	19.61	244	3523168	86.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	61725	20.392	ng		100
3) Pyridine	3.53	79	165521	19.526	ng		96
4) n-Nitrosodimethylamine	3.45	42	54846	20.084	ng		97
6) Aniline	6.88	93	258503	18.959	ng		100
8) 2-Chlorophenol	7.10	128	169764	19.459	ng		98
9) Benzaldehyde	6.70	77	143685	20.402	ng		99
10) Phenol	6.75	94	225751	19.573	ng		96
11) bis(2-Chloroethyl)ether	6.98	93	158867	18.826	ng		97
12) 1,3-Dichlorobenzene	7.41	146	178313	19.469	ng		98
13) 1,4-Dichlorobenzene	7.56	146	184792	19.886	ng		99
14) 1,2-Dichlorobenzene	7.87	146	177575	19.273	ng		98
15) Benzyl Alcohol	7.79	79	185610	19.340	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	158114	19.655	ng		98
17) 2-Methylphenol	7.99	107	139932	18.331	ng		98
18) Hexachloroethane	8.57	117	70542	19.529	ng		99
19) n-Nitroso-di-n-propylamine	8.34	70	172440	18.583	ng		99
20) 3+4-Methylphenols	8.32	107	193818	18.483	ng		98
22) Acetophenone	8.37	105	277819	19.767	ng	#	99
24) Nitrobenzene	8.75	77	243546	20.376	ng		100
25) Isophorone	9.26	82	442070	19.682	ng		100
26) 2-Nitrophenol	9.45	139	95402	18.730	ng		97
27) 2,4-Dimethylphenol	9.51	122	131259	18.226	ng		98
28) bis(2-Chloroethoxy)methane	9.75	93	245830	19.546	ng		99
29) 2,4-Dichlorophenol	9.99	162	156822	19.173	ng		95
30) 1,2,4-Trichlorobenzene	10.17	180	175272	19.909	ng		100
31) Naphthalene	10.36	128	557258	20.134	ng		99
32) Benzoic acid	9.67	122	98305	18.032	ng		96
33) 4-Chloroaniline	10.51	127	218084	19.127	ng		99
34) Hexachlorobutadiene	10.61	225	104539	20.134	ng		95
35) Caprolactam	11.33	113	58430m	18.872	ng		
36) 4-Chloro-3-methylphenol	11.63	107	198648	19.546	ng		97
37) 2-Methylnaphthalene	11.98	142	398261	19.765	ng		98
38) 1-Methylnaphthalene	12.20	142	394643	19.836	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	191182	20.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	29167	19.054	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	127005	19.674	ng	98
44) 2,4,5-Trichlorophenol	12.70	196	126749	18.864	ng	96
46) 1,1'-Biphenyl	13.02	154	544171	20.355	ng	100
47) 2-Chloronaphthalene	13.06	162	413479	20.277	ng	99
48) 2-Nitroaniline	13.31	65	142006	19.320	ng	100
49) Acenaphthylene	13.92	152	716775	20.202	ng	99
50) Dimethylphthalate	13.67	163	563507	20.698	ng	100
51) 2,6-Dinitrotoluene	13.80	165	123254	20.473	ng	87
52) Acenaphthene	14.26	154	399093	20.287	ng	97
53) 3-Nitroaniline	14.15	138	117269	19.508	ng	95
54) 2,4-Dinitrophenol	14.39	184	47705	19.507	ng	91
55) Dibenzofuran	14.60	168	649127	20.178	ng	98
56) 4-Nitrophenol	14.49	139	68188	19.182	ng	93
57) 2,4-Dinitrotoluene	14.62	165	169168	19.548	ng	98
58) Fluorene	15.25	166	537171	19.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.84	232	123828	20.198	ng	98
60) Diethylphthalate	15.03	149	578802	20.441	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	261280	19.908	ng	98
62) 4-Nitroaniline	15.33	138	110653	18.682	ng	95
63) Azobenzene	15.54	77	632635	20.904	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	76838	17.261	ng	98
66) n-Nitrosodiphenylamine	15.47	169	458565	20.105	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	156640	19.528	ng	100
68) Hexachlorobenzene	16.25	284	187120	19.442	ng	95
69) Atrazine	16.44	200	155038	20.023	ng	99
70) Pentachlorophenol	16.62	266	90630	18.429	ng	96
71) Phenanthrene	17.00	178	823769	19.897	ng	99
72) Anthracene	17.10	178	809419	19.640	ng	99
73) Carbazole	17.39	167	753099	19.572	ng	99
74) Di-n-butylphthalate	17.93	149	983393	19.460	ng	100
75) Fluoranthene	19.03	202	934635	19.616	ng	100
77) Benzidine	19.24	184	324800	16.425	ng	98
78) Pyrene	19.40	202	967648	20.388	ng	99
80) Butylbenzylphthalate	20.31	149	443946	19.294	ng	96
81) Benzo(a)anthracene	21.16	228	904143	19.915	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	338662	20.049	ng	100
83) Chrysene	21.22	228	877632	20.157	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	646586	18.875	ng	99
85) Di-n-octyl phthalate	21.94	149	1044362	18.789	ng	99
86) Indeno(1,2,3-cd)pyrene	25.57	276	901655	21.052	ng	99
88) Benzo(b)fluoranthene	22.71	252	850835	19.739	ng	99
89) Benzo(k)fluoranthene	22.76	252	820391	20.216	ng	99
90) Benzo(a)pyrene	23.27	252	767047	20.083	ng	98
91) Dibenzo(a,h)anthracene	25.58	278	745640	20.249	ng	99
92) Benzo(g,h,i)perylene	26.26	276	698754	20.951	ng	100

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

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