Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018889.D
Acq On : 20 Feb 2019 18:28
Operator : JU/SJ
Sample : K1527-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-PILEMS

Manual Integrations APPROVED
Sohil
2/21/2019 10:08:59 AM

Quant Time: Feb 21 01:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	309258	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1320229	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	757157	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1692045	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1582763	20.00	ng		-0.01
87) Perylene-d12	23.54	264	1335162	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2482472	131.52	ng		-0.01
7) Phenol-d6	6.88	99	3592515	135.11	ng		0.00
23) Nitrobenzene-d5	8.87	82	2339610	81.94	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1421583	130.25	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	4275135	74.95	ng		-0.01
79) Terphenyl-d14	19.74	244	6439432	83.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	229727	27.944	ng		98
3) Pyridine	3.65	79	706365	31.500	ng		99
4) n-Nitrosodimethylamine	3.56	42	227607	39.899	ng		93
6) Aniline	7.05	93	1156926	35.511	ng		100
8) 2-Chlorophenol	7.27	128	807606	38.972	ng		98
9) Benzaldehyde	6.86	77	407543	25.238	ng		99
10) Phenol	6.90	94	1157525	41.373	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	763861	35.791	ng		99
12) 1,3-Dichlorobenzene	7.59	146	807896	34.671	ng		99
13) 1,4-Dichlorobenzene	7.73	146	827261	34.873	ng		100
14) 1,2-Dichlorobenzene	8.05	146	800588	35.134	ng		98
15) Benzyl Alcohol	7.95	79	804102	38.059	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	749540	36.287	ng		98
17) 2-Methylphenol	8.15	107	703797	39.524	ng		98
18) Hexachloroethane	8.76	117	306704	35.418	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	747381	36.302	ng		100
20) 3+4-Methylphenols	8.47	107	962546	39.145	ng		100
22) Acetophenone	8.53	105	1231479	33.966	ng	#	100
24) Nitrobenzene	8.91	77	1067779	36.028	ng		100
25) Isophorone	9.43	82	1874434	41.144	ng		99
26) 2-Nitrophenol	9.62	139	432452	36.640	ng		100
27) 2,4-Dimethylphenol	9.67	122	735238	42.651	ng		98
28) bis(2-Chloroethoxy)methane	9.91	93	1098632	37.291	ng		100
29) 2,4-Dichlorophenol	10.14	162	765849	38.691	ng		100
30) 1,2,4-Trichlorobenzene	10.35	180	789533	34.539	ng		97
31) Naphthalene	10.54	128	2460286	38.210	ng		99
32) Benzoic acid	9.80	122	255316	16.979	ng		95
33) 4-Chloroaniline	10.66	127	705086	24.497	ng		99
34) Hexachlorobutadiene	10.80	225	433007	32.634	ng		99
35) Caprolactam	11.48	113	253838m	31.422	ng		
36) 4-Chloro-3-methylphenol	11.79	107	899622	37.696	ng		100
37) 2-Methylnaphthalene	12.16	142	1813303	39.999	ng		100
38) 1-Methylnaphthalene	12.37	142	1718254	38.760	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	854942	35.298	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	843335	68.102 ng	98
43) 2,4,6-Trichlorophenol	12.77	196	613652	38.272 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	653497	38.885 ng	98
46) 1,1'-Biphenyl	13.18	154	2300141	35.292 ng	99
47) 2-Chloronaphthalene	13.22	162	1797500	35.707 ng	100
48) 2-Nitroaniline	13.45	65	640100	38.286 ng	98
49) Acenaphthylene	14.07	152	2933857	39.141 ng	100
50) Dimethylphthalate	13.82	163	2529158	40.081 ng	100
51) 2,6-Dinitrotoluene	13.94	165	509370	37.264 ng	100
52) Acenaphthene	14.42	154	1684926	36.659 ng	100
53) 3-Nitroaniline	14.28	138	409645	26.523 ng	98
54) 2,4-Dinitrophenol	14.49	184	349389	43.143 ng	99
55) Dibenzofuran	14.75	168	2739820	36.267 ng	99
56) 4-Nitrophenol	14.59	139	847694	68.755 ng	99
57) 2,4-Dinitrotoluene	14.73	165	719063	38.180 ng	99
58) Fluorene	15.40	166	2265154	39.193 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	586758	39.499 ng	99
60) Diethylphthalate	15.18	149	2361952	36.286 ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1114457	34.393 ng	98
62) 4-Nitroaniline	15.45	138	489681	32.341 ng	98
63) Azobenzene	15.69	77	2586676	37.063 ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	301956	25.417 ng	97
66) n-Nitrosodiphenylamine	15.62	169	1951098	36.497 ng	99
67) 4-Bromophenyl-phenylether	16.30	248	661772	34.941 ng	99
68) Hexachlorobenzene	16.40	284	770949	35.020 ng	99
69) Atrazine	16.58	200	648766	37.644 ng	100
70) Pentachlorophenol	16.75	266	979881	69.130 ng	100
71) Phenanthrene	17.14	178	3520535	38.716 ng	100
72) Anthracene	17.24	178	3562127	40.246 ng	99
73) Carbazole	17.52	167	3235184	34.986 ng	100
74) Di-n-butylphthalate	18.07	149	4221839	39.699 ng	100
75) Fluoranthene	19.17	202	4041542	38.477 ng	99
77) Benzidine	19.37	184	2270033	63.683 ng	100
78) Pyrene	19.53	202	4094615	44.543 ng	100
80) Butylbenzylphthalate	20.43	149	1975742	47.161 ng	99
81) Benzo(a)anthracene	21.28	228	3661700	39.688 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1217200	33.381 ng	99
83) Chrysene	21.33	228	3366351	38.067 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2879428	46.960 ng	100
85) Di-n-octyl phthalate	22.09	149	4561422	44.262 ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3206935	31.410 ng	100
88) Benzo(b)fluoranthene	22.87	252	3155720	41.311 ng	99
89) Benzo(k)fluoranthene	22.91	252	3075362	40.438 ng	100
90) Benzo(a)pyrene	23.45	252	2920159	40.353 ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2760157	38.498 ng	99
92) Benzo(g,h,i)perylene	26.53	276	2624277	39.317 ng	99

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

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