Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015250.D
Acq On : 22 May 2018 21:12
Operator : SJ/JU
Sample : J2133-03
Misc : MDL 5 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/23/2018 10:11:24 AM

Quant Time: May 23 05:22:57 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	193500	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	773545	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	398437	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	830306	20.00	ng		0.00
75) Chrysene-d12	21.83	240	848661	20.00	ng		0.00
86) Perylene-d12	24.27	264	866211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1632799	138.06	ng		0.00
7) Phenol-d6	7.55	99	2065262	134.10	ng		0.00
23) Nitrobenzene-d5	9.59	82	1231544	87.21	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	722533	144.61	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2711333	84.59	ng		0.00
78) Terphenyl-d14	20.29	244	3631263	94.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	24813	5.078	ng	#	100
3) Pyridine	4.09	79	50994m	4.074	ng		
4) n-Nitrosodimethylamine	3.99	42	27318m	4.034	ng		
6) Aniline	7.72	93	87391	4.605	ng		97
8) 2-Chlorophenol	7.96	128	63742	4.775	ng		95
9) Benzaldehyde	7.53	77	37308	3.830	ng		88
10) Phenol	7.58	94	75055	4.799	ng		82
11) bis(2-Chloroethyl)ether	7.82	93	57995	4.675	ng		88
12) 1,3-Dichlorobenzene	8.29	146	76439	5.023	ng	#	95
13) 1,4-Dichlorobenzene	8.45	146	77912	5.063	ng		95
14) 1,2-Dichlorobenzene	8.77	146	74998	5.135	ng		97
15) Benzyl Alcohol	8.65	79	49382	4.434	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.93	45	94783	4.843	ng		95
17) 2-Methylphenol	8.85	107	48436	4.659	ng	#	92
18) Hexachloroethane	9.50	117	25293	4.629	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	44816	4.566	ng	#	89
20) 3+4-Methylphenols	9.18	107	66224	4.797	ng		94
22) Acetophenone	9.25	105	94594	5.098	ng	#	91
24) Nitrobenzene	9.63	77	78074	5.310	ng		96
25) Isophorone	10.16	82	101871	4.200	ng		94
26) 2-Nitrophenol	10.35	139	24129	3.658	ng	#	83
27) 2,4-Dimethylphenol	10.39	122	42168	3.524	ng		93
28) bis(2-Chloroethoxy)methane	10.63	93	70668	4.450	ng		99
29) 2,4-Dichlorophenol	10.89	162	47522	4.194	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	68006	5.095	ng		99
31) Naphthalene	11.29	128	200457	4.986	ng		99
32) Benzoic acid	10.47	122	30771m	4.446	ng		
33) 4-Chloroaniline	11.40	127	72589	4.524	ng	#	91
34) Hexachlorobutadiene	11.56	225	41180	5.188	ng		99
35) Caprolactam	12.16	113	10540	3.287	ng		93
36) 4-Chloro-3-methylphenol	12.49	107	47495	4.104	ng		93
37) 2-Methylnaphthalene	12.87	142	131797	4.730	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	69257	4.935	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	19617	7.269	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	33903	4.020	ng		94
43) 2,4,5-Trichlorophenol	13.54	196	40778	4.478	ng	#	87
45) 1,1'-Biphenyl	13.86	154	185583	5.323	ng		99
46) 2-Chloronaphthalene	13.91	162	135704	5.058	ng		94
47) 2-Nitroaniline	14.11	65	28397	3.715	ng	#	79
48) Acenaphthylene	14.75	152	191037	4.794	ng		100
49) Dimethylphthalate	14.46	163	161747	5.087	ng		99
50) 2,6-Dinitrotoluene	14.59	165	28475	4.292	ng		93
51) Acenaphthene	15.08	154	127628	5.141	ng		98
52) 3-Nitroaniline	14.92	138	26563	3.803	ng	#	77
53) 2,4-Dinitrophenol	15.13	184	7519	8.287	ng		90
54) Dibenzofuran	15.41	168	190230	4.860	ng		94
55) 4-Nitrophenol	15.22	139	16658	2.940	ng	#	55
56) 2,4-Dinitrotoluene	15.37	165	32000	3.523	ng	#	79
57) Fluorene	16.05	166	150575	4.868	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	31044	3.975	ng	#	100
59) Diethylphthalate	15.80	149	153142	4.886	ng		96
60) 4-Chlorophenyl-phenylether	16.03	204	77231	4.902	ng		96
61) 4-Nitroaniline	16.07	138	25586	3.503	ng		78
62) Azobenzene	16.33	77	129501	4.349	ng		92
64) 4,6-Dinitro-2-methylphenol	16.13	198	14437	3.150	ng		94
65) n-Nitrosodiphenylamine	16.25	169	124487	4.666	ng		98
66) 4-Bromophenyl-phenylether	16.92	248	43947	4.737	ng	#	89
67) Hexachlorobenzene	17.05	284	53884	5.044	ng	#	92
68) Atrazine	17.17	200	25759	3.044	ng		99
69) Pentachlorophenol	17.39	266	21575	3.628	ng		99
70) Phenanthrene	17.77	178	235889	4.988	ng		99
71) Anthracene	17.87	178	209710	4.448	ng		98
72) Carbazole	18.13	167	198220	4.749	ng		99
73) Di-n-butylphthalate	18.65	149	209315	4.260	ng	#	98
74) Fluoranthene	19.75	202	247484	4.771	ng		98
76) Benzidine	19.92	184	65258	2.456	ng		98
77) Pyrene	20.11	202	260309	4.860	ng		97
79) Butylbenzylphthalate	20.95	149	86158	3.940	ng		88
80) Benzo(a)anthracene	21.82	228	258267	4.829	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	86680	4.377	ng		98
82) Chrysene	21.87	228	258309	5.128	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	130297	4.096	ng		97
84) Di-n-octyl phthalate	22.63	149	198019	3.559	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	293440	4.816	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	263063	4.800	ng		97
88) Benzo(k)fluoranthene	23.57	252	248489	4.793	ng		99
89) Benzo(a)pyrene	24.16	252	234731	4.592	ng	#	97
90) Dibenzo(a,h)anthracene	26.79	278	250930	4.811	ng		99
91) Benzo(g,h,i)perylene	27.57	276	244234	4.808	ng		95

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

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