Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015251.D
Acq On : 22 May 2018 21:49
Operator : SJ/JU
Sample : J2133-03
Misc : MDL 8 PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/23/2018 10:11:26 AM

Quant Time: May 23 05:25:38 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	197603	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	805784	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	418414	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	868499	20.00	ng		0.00
75) Chrysene-d12	21.83	240	883836	20.00	ng		0.00
86) Perylene-d12	24.27	264	898155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1627726	134.77	ng		0.00
7) Phenol-d6	7.55	99	2077056	132.06	ng		0.00
23) Nitrobenzene-d5	9.59	82	1263941	85.93	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	727699	138.69	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2774457	82.43	ng		0.00
78) Terphenyl-d14	20.29	244	3703486	92.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	40201	8.057	ng	#	100
3) Pyridine	4.08	79	89665m	7.015	ng		
4) n-Nitrosodimethylamine	3.98	42	45168	6.531	ng	#	65
6) Aniline	7.72	93	146270	7.548	ng		97
8) 2-Chlorophenol	7.96	128	103831	7.617	ng		99
9) Benzaldehyde	7.53	77	63639	6.397	ng		89
10) Phenol	7.57	94	119503	7.482	ng		80
11) bis(2-Chloroethyl)ether	7.82	93	97120	7.666	ng		93
12) 1,3-Dichlorobenzene	8.29	146	124360	8.002	ng	#	95
13) 1,4-Dichlorobenzene	8.45	146	126423	8.045	ng		96
14) 1,2-Dichlorobenzene	8.77	146	120662	8.090	ng		96
15) Benzyl Alcohol	8.65	79	82625	7.265	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.93	45	157581	7.884	ng		96
17) 2-Methylphenol	8.85	107	81429	7.669	ng		92
18) Hexachloroethane	9.50	117	42898	7.688	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	75217	7.504	ng		90
20) 3+4-Methylphenols	9.17	107	111243	7.891	ng		94
22) Acetophenone	9.25	105	157176	8.131	ng	#	95
24) Nitrobenzene	9.63	77	125018	8.163	ng		97
25) Isophorone	10.16	82	171095	6.772	ng		97
26) 2-Nitrophenol	10.35	139	41414	6.027	ng	#	77
27) 2,4-Dimethylphenol	10.39	122	71634	5.748	ng		96
28) bis(2-Chloroethoxy)methane	10.63	93	117513	7.103	ng		100
29) 2,4-Dichlorophenol	10.89	162	82883	7.023	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	112576	8.097	ng		99
31) Naphthalene	11.29	128	328079	7.833	ng		99
32) Benzoic acid	10.47	122	49491	6.864	ng		96
33) 4-Chloroaniline	11.40	127	125733	7.523	ng	#	91
34) Hexachlorobutadiene	11.56	225	66700	8.067	ng		98
35) Caprolactam	12.16	113	20141	6.030	ng		95
36) 4-Chloro-3-methylphenol	12.49	107	83743	6.946	ng		94
37) 2-Methylnaphthalene	12.87	142	219104	7.549	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	114524	7.771	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	35866	8.750	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	59765	6.748	ng		96
43) 2,4,5-Trichlorophenol	13.54	196	70280	7.349	ng	#	90
45) 1,1'-Biphenyl	13.86	154	300399	8.206	ng		98
46) 2-Chloronaphthalene	13.91	162	223044	7.916	ng	#	92
47) 2-Nitroaniline	14.11	65	51790	6.452	ng		85
48) Acenaphthylene	14.74	152	324266	7.748	ng		98
49) Dimethylphthalate	14.46	163	265833	7.961	ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	50113	7.193	ng		93
51) Acenaphthene	15.08	154	211676	8.119	ng		99
52) 3-Nitroaniline	14.92	138	48418	6.600	ng	#	75
53) 2,4-Dinitrophenol	15.13	184	14908	9.833	ng		86
54) Dibenzofuran	15.41	168	315209	7.669	ng		94
55) 4-Nitrophenol	15.22	139	32541	5.469	ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	60127	6.303	ng	#	85
57) Fluorene	16.05	166	249991	7.696	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	53765m	6.556	ng		
59) Diethylphthalate	15.80	149	256649	7.797	ng		97
60) 4-Chlorophenyl-phenylether	16.03	204	126186	7.626	ng		94
61) 4-Nitroaniline	16.07	138	47125	6.144	ng	#	61
62) Azobenzene	16.33	77	229585	7.342	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	27514	5.740	ng		96
65) n-Nitrosodiphenylamine	16.24	169	214821	7.698	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	72832	7.506	ng	#	86
67) Hexachlorobenzene	17.04	284	88657	7.934	ng	#	87
68) Atrazine	17.17	200	41831	4.725	ng		99
69) Pentachlorophenol	17.39	266	38640	6.212	ng		96
70) Phenanthrene	17.78	178	385668	7.796	ng		100
71) Anthracene	17.87	178	356403	7.228	ng		99
72) Carbazole	18.13	167	338846	7.762	ng		100
73) Di-n-butylphthalate	18.65	149	366073	7.122	ng	#	99
74) Fluoranthene	19.75	202	413423	7.620	ng		98
76) Benzidine	19.92	184	107647	3.891	ng		99
77) Pyrene	20.11	202	430413	7.716	ng		99
79) Butylbenzylphthalate	20.95	149	155535	6.829	ng		89
80) Benzo(a)anthracene	21.82	228	424966	7.630	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	147488	7.152	ng		98
82) Chrysene	21.87	228	413348	7.880	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	229396	6.924	ng		96
84) Di-n-octyl phthalate	22.63	149	348352	6.012	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.79	276	483182	7.614	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	430381	7.573	ng		98
88) Benzo(k)fluoranthene	23.57	252	414406	7.709	ng		99
89) Benzo(a)pyrene	24.16	252	384511	7.254	ng	#	96
90) Dibenzo(a,h)anthracene	26.79	278	410081	7.583	ng		99
91) Benzo(g,h,i)perylene	27.57	276	399215	7.579	ng		96

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

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