Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015249.D
Acq On : 22 May 2018 20:36
Operator : SJ/JU
Sample : J2133-03
Misc : MDL 2 PPM
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/23/2018 3:27:41 PM

Quant Time: May 23 14:20:01 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	199032	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	791991	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	407500	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	851695	20.00	ng		0.00
75) Chrysene-d12	21.83	240	847790	20.00	ng		0.00
86) Perylene-d12	24.27	264	854078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1670691	137.33	ng		0.00
7) Phenol-d6	7.55	99	2122109	133.96	ng		0.00
23) Nitrobenzene-d5	9.59	82	1241365	85.86	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	733404	143.53	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2755031	84.05	ng		0.00
78) Terphenyl-d14	20.29	244	3637395	94.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	10230	2.035	ng	#	100
3) Pyridine	4.11	79	22451m	1.744	ng		
4) n-Nitrosodimethylamine	4.00	42	11168m	1.603	ng		
6) Aniline	7.72	93	32561	1.668	ng	#	91
8) 2-Chlorophenol	7.96	128	25887	1.886	ng		93
9) Benzaldehyde	7.55	77	15427	1.540	ng	#	63
10) Phenol	7.58	94	30030	1.867	ng		92
11) bis(2-Chloroethyl)ether	7.82	93	24674	1.934	ng		89
12) 1,3-Dichlorobenzene	8.29	146	31657	2.022	ng	#	96
13) 1,4-Dichlorobenzene	8.45	146	31683	2.002	ng		97
14) 1,2-Dichlorobenzene	8.77	146	31158	2.074	ng		96
15) Benzyl Alcohol	8.66	79	18992	1.658	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.93	45	38879	1.931	ng		99
17) 2-Methylphenol	8.85	107	19028	1.779	ng	#	88
18) Hexachloroethane	9.50	117	10150	1.806	ng	#	88
19) n-Nitroso-di-n-propylamine	9.22	70	16649	1.649	ng	#	81
20) 3+4-Methylphenols	9.19	107	25205	1.775	ng		90
22) Acetophenone	9.25	105	36904	1.942	ng	#	95
24) Nitrobenzene	9.63	77	30514	2.027	ng	#	95
25) Isophorone	10.16	82	39261	1.581	ng		96
26) 2-Nitrophenol	10.35	139	8116	1.202	ng	#	78
27) 2,4-Dimethylphenol	10.39	122	14823	1.210	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	27519	1.692	ng		98
29) 2,4-Dichlorophenol	10.89	162	17875	1.541	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	27429	2.007	ng		98
31) Naphthalene	11.29	128	81830	1.988	ng		99
32) Benzoic acid	10.46	122	10398m	1.467	ng		
33) 4-Chloroaniline	11.40	127	26064	1.587	ng	#	90
34) Hexachlorobutadiene	11.56	225	16787	2.066	ng		96
35) Caprolactam	12.16	113	3461	1.054	ng	#	85
36) 4-Chloro-3-methylphenol	12.49	107	17613	1.486	ng	#	84
37) 2-Methylnaphthalene	12.87	142	52843	1.852	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	28727	2.001	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	5795	5.849	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	11946	1.385	ng		96
43) 2,4,5-Trichlorophenol	13.55	196	15006	1.611	ng	#	90
45) 1,1'-Biphenyl	13.86	154	77782	2.182	ng		97
46) 2-Chloronaphthalene	13.91	162	54353	1.981	ng	#	89
47) 2-Nitroaniline	14.11	65	9492	1.214	ng		87
48) Acenaphthylene	14.75	152	71220	1.747	ng		98
49) Dimethylphthalate	14.46	163	63236	1.944	ng	#	97
50) 2,6-Dinitrotoluene	14.59	165	9153	1.349	ng		90
51) Acenaphthene	15.08	154	51790	2.040	ng		97
52) 3-Nitroaniline	14.93	138	8280	1.159	ng	#	79
53) 2,4-Dinitrophenol	15.15	184	1823	6.958	ng	#	76
54) Dibenzofuran	15.41	168	77306	1.931	ng		95
55) 4-Nitrophenol	15.23	139	5081	0.877	ng	#	42
56) 2,4-Dinitrotoluene	15.37	165	10474	1.127	ng	#	90
57) Fluorene	16.05	166	59790	1.890	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	10990	1.376	ng	#	100
59) Diethylphthalate	15.80	149	58693	1.831	ng		96
60) 4-Chlorophenyl-phenylether	16.04	204	30992	1.923	ng		99
61) 4-Nitroaniline	16.07	138	6945	0.930	ng	#	54
62) Azobenzene	16.33	77	46246	1.519	ng		89
64) 4,6-Dinitro-2-methylphenol	16.13	198	4291	0.913	ng		85
65) n-Nitrosodiphenylamine	16.25	169	47389	1.732	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	16993	1.786	ng	#	86
67) Hexachlorobenzene	17.05	284	21430	1.956	ng	#	86
68) Atrazine	17.17	200	9135	1.052	ng		94
69) Pentachlorophenol	17.39	266	7552	1.238	ng		92
70) Phenanthrene	17.78	178	96012	1.979	ng		98
71) Anthracene	17.87	178	80713	1.669	ng		99
72) Carbazole	18.13	167	73208	1.710	ng		98
73) Di-n-butylphthalate	18.65	149	73295	1.454	ng	#	98
74) Fluoranthene	19.75	202	93980	1.766	ng		96
76) Benzidine	19.92	184	23159	0.873	ng		99
77) Pyrene	20.11	202	99752	1.864	ng		99
79) Butylbenzylphthalate	20.95	149	29218	1.337	ng	#	82
80) Benzo(a)anthracene	21.82	228	100209	1.876	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	32628	1.649	ng		97
82) Chrysene	21.87	228	101077	2.009	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	43849	1.380	ng		96
84) Di-n-octyl phthalate	22.63	149	68710	1.236	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.79	276	111470	1.831	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	99048	1.833	ng		99
88) Benzo(k)fluoranthene	23.57	252	96189	1.882	ng		95
89) Benzo(a)pyrene	24.16	252	87592	1.738	ng	#	96
90) Dibenzo(a,h)anthracene	26.80	278	92959	1.808	ng		98
91) Benzo(g,h,i)perylene	27.57	276	93296	1.863	ng		97

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

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