Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015248.D
Acq On : 22 May 2018 19:59
Operator : SJ/JU
Sample : J2133-03
Misc : MDL 1 PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/23/2018 3:21:49 PM

Quant Time: May 23 14:17:42 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	204495	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	824539	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	421012	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	889828	20.00	ng		0.00
75) Chrysene-d12	21.83	240	873111	20.00	ng		0.00
86) Perylene-d12	24.27	264	880825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1690085	135.22	ng		0.00
7) Phenol-d6	7.55	99	2159350	132.67	ng		0.00
23) Nitrobenzene-d5	9.59	82	1235216	82.06	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	757485	143.48	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2756995	81.41	ng		0.00
78) Terphenyl-d14	20.29	244	3637619	92.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	5659	1.096	ng	#	100
3) Pyridine	4.14	79	9711m	0.734	ng		
4) n-Nitrosodimethylamine	4.01	42	5448m	0.761	ng		
6) Aniline	7.72	93	16894	0.842	ng		93
8) 2-Chlorophenol	7.96	128	13906	0.986	ng		95
9) Benzaldehyde	7.55	77	9882	0.960	ng	#	52
10) Phenol	7.57	94	15797	0.956	ng		93
11) bis(2-Chloroethyl)ether	7.82	93	12845	0.980	ng		93
12) 1,3-Dichlorobenzene	8.29	146	16509	1.026	ng	#	94
13) 1,4-Dichlorobenzene	8.45	146	16740	1.029	ng		94
14) 1,2-Dichlorobenzene	8.77	146	16239	1.052	ng		94
15) Benzyl Alcohol	8.66	79	9058	0.770	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.93	45	20080	0.971	ng		95
17) 2-Methylphenol	8.85	107	9760	0.888	ng	#	92
18) Hexachloroethane	9.50	117	5269	0.912	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	8500	0.819	ng	#	98
20) 3+4-Methylphenols	9.18	107	12102	0.829	ng		93
22) Acetophenone	9.25	105	18546	0.938	ng	#	91
24) Nitrobenzene	9.63	77	15394	0.982	ng		94
25) Isophorone	10.16	82	20018	0.774	ng	#	95
26) 2-Nitrophenol	10.36	139	4051	0.576	ng	#	76
27) 2,4-Dimethylphenol	10.40	122	7544	0.592	ng		95
28) bis(2-Chloroethoxy)methane	10.63	93	13713	0.810	ng		98
29) 2,4-Dichlorophenol	10.89	162	7616	0.631	ng		92
30) 1,2,4-Trichlorobenzene	11.10	180	14685	1.032	ng		95
31) Naphthalene	11.29	128	43138	1.007	ng		98
32) Benzoic acid	10.46	122	3978	0.539	ng		88
33) 4-Chloroaniline	11.42	127	12883	0.753	ng	#	95
34) Hexachlorobutadiene	11.56	225	9078	1.073	ng		94
35) Caprolactam	12.17	113	1378	0.403	ng		90
36) 4-Chloro-3-methylphenol	12.50	107	8225	0.667	ng		86
37) 2-Methylnaphthalene	12.87	142	26984	0.909	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	14837	1.001	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	2052	5.469	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	5778	0.648	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	6459	0.671	ng	#	84
45) 1,1'-Biphenyl	13.86	154	44710	1.214	ng		97
46) 2-Chloronaphthalene	13.92	162	28913	1.020	ng		94
47) 2-Nitroaniline	14.12	65	4524	0.560	ng		89
48) Acenaphthylene	14.74	152	34524	0.820	ng		98
49) Dimethylphthalate	14.46	163	31886	0.949	ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	4326	0.617	ng	#	84
51) Acenaphthene	15.08	154	26787	1.021	ng		97
52) 3-Nitroaniline	14.93	138	3798	0.515	ng	#	76
53) 2,4-Dinitrophenol	15.16	184	720	6.703	ng	#	52
54) Dibenzofuran	15.41	168	40524	0.980	ng		96
55) 4-Nitrophenol	15.23	139	1674	0.280	ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	4892	0.510	ng	#	93
57) Fluorene	16.06	166	30130	0.922	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.64	232	4918	0.596	ng	#	100
59) Diethylphthalate	15.80	149	29327	0.885	ng	#	93
60) 4-Chlorophenyl-phenylether	16.04	204	16764	1.007	ng		99
61) 4-Nitroaniline	16.08	138	3089	0.400	ng	#	45
62) Azobenzene	16.33	77	21068	0.670	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	1529	0.311	ng		79
65) n-Nitrosodiphenylamine	16.25	169	23461	0.821	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	8859	0.891	ng	#	89
67) Hexachlorobenzene	17.04	284	11247	0.982	ng	#	76
68) Atrazine	17.17	200	4583	0.505	ng		87
69) Pentachlorophenol	17.39	266	3386	0.531	ng		95
70) Phenanthrene	17.78	178	51340	1.013	ng		100
71) Anthracene	17.87	178	41660	0.825	ng		99
72) Carbazole	18.13	167	36098	0.807	ng		99
73) Di-n-butylphthalate	18.65	149	36781	0.698	ng	#	98
74) Fluoranthene	19.75	202	47584	0.856	ng		97
76) Benzidine	19.92	184	11472	0.420	ng		99
77) Pyrene	20.11	202	51918	0.942	ng		98
79) Butylbenzylphthalate	20.95	149	15614	0.694	ng		92
80) Benzo(a)anthracene	21.82	228	52851	0.961	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	17382	0.853	ng		98
82) Chrysene	21.87	228	53017	1.023	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	22607	0.691	ng	#	97
84) Di-n-octyl phthalate	22.63	149	35623	0.622	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.79	276	55901	0.892	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	51375	0.922	ng		96
88) Benzo(k)fluoranthene	23.57	252	50448	0.957	ng		95
89) Benzo(a)pyrene	24.16	252	44501	0.856	ng	#	95
90) Dibenzo(a,h)anthracene	26.80	278	47607	0.898	ng		97
91) Benzo(g,h,i)perylene	27.57	276	48057	0.930	ng		95

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

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