Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014174.D
Acq On : 07 Feb 2018 23:06
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 5 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:36 PM

Quant Time: Feb 08 11:39:26 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	79188	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	346085	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	240244	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	621328	20.00	ng		0.00
75) Chrysene-d12	21.16	240	720038	20.00	ng		0.00
86) Perylene-d12	23.34	264	668522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	618935	136.23	ng		0.00
7) Phenol-d6	6.73	99	839130	130.41	ng		0.00
23) Nitrobenzene-d5	8.70	82	750300	96.84	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	483517	141.84	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1757434	91.32	ng		0.00
78) Terphenyl-d14	19.60	244	3256184	88.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	8704	4.66	ng	#	100
3) Pyridine	3.55	79	20512	3.97	ng	#	93
4) n-Nitrosodimethylamine	3.46	42	13562	4.12	ng	#	35
6) Aniline	6.89	93	34663	4.23	ng	#	93
8) 2-Chlorophenol	7.11	128	21765	4.21	ng	#	79
9) Benzaldehyde	6.72	77	16175	3.49	ng	#	68
10) Phenol	6.76	94	28157	4.43	ng		80
11) bis(2-Chloroethyl)ether	6.99	93	20016	3.99	ng		99
12) 1,3-Dichlorobenzene	7.43	146	28014	4.34	ng	#	87
13) 1,4-Dichlorobenzene	7.58	146	29069	4.48	ng	#	90
14) 1,2-Dichlorobenzene	7.89	146	28695	4.40	ng		98
15) Benzyl Alcohol	7.80	79	19387	3.25	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.06	45	22552m	4.42	ng		
17) 2-Methylphenol	8.00	107	19128	3.93	ng	#	71
18) Hexachloroethane	8.60	117	12776	4.56	ng		90
19) n-Nitroso-di-n-propylamine	8.35	70	21710	3.92	ng		94
20) 3+4-Methylphenols	8.35	107	23338	3.31	ng	#	75
22) Acetophenone	8.37	105	42469	4.27	ng	#	79
24) Nitrobenzene	8.75	77	38759	4.86	ng		90
25) Isophorone	9.26	82	59088	4.60	ng	#	91
26) 2-Nitrophenol	9.46	139	11578	3.85	ng	#	77
27) 2,4-Dimethylphenol	9.52	122	18143	3.96	ng	#	71
28) bis(2-Chloroethoxy)methane	9.76	93	27498	4.18	ng	#	84
29) 2,4-Dichlorophenol	10.02	162	18513m	3.61	ng		
30) 1,2,4-Trichlorobenzene	10.19	180	27836	4.12	ng		91
31) Naphthalene	10.36	128	78699	4.15	ng		96
32) Benzoic acid	9.65	122	7653m	7.87	ng		
33) 4-Chloroaniline	10.52	127	25581	3.25	ng	#	72
34) Hexachlorobutadiene	10.63	225	21355	4.61	ng		98
35) Caprolactam	11.29	113	7571m	4.13	ng		
36) 4-Chloro-3-methylphenol	11.65	107	23819	3.75	ng	#	81
37) 2-Methylnaphthalene	11.99	142	59917	4.20	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	34360	4.08	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	10099	8.06	ng		87

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42) 2,4,6-Trichlorophenol	12.63	196	18985	3.84	ng	#	80
43) 2,4,5-Trichlorophenol	12.72	196	15476	2.83	ng	#	80
45) 1,1'-Biphenyl	13.03	154	93293	4.48	ng		97
46) 2-Chloronaphthalene	13.06	162	68020	4.31	ng	#	92
47) 2-Nitroaniline	13.31	65	21236	3.65	ng	#	71
48) Acenaphthylene	13.92	152	108249	4.18	ng		97
49) Dimethylphthalate	13.67	163	96194	4.47	ng	#	93
50) 2,6-Dinitrotoluene	13.80	165	18270	4.14	ng	#	50
51) Acenaphthene	14.26	154	70599	4.42	ng		91
52) 3-Nitroaniline	14.14	138	14069	3.08	ng	#	49
53) 2,4-Dinitrophenol	14.39	184	3191m	8.82	ng		
54) Dibenzofuran	14.60	168	106345	4.26	ng	#	82
55) 4-Nitrophenol	14.50	139	6281m	7.40	ng		
56) 2,4-Dinitrotoluene	14.61	165	23094	3.39	ng	#	80
57) Fluorene	15.26	166	90122	4.11	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.84	232	20459	3.80	ng	#	100
59) Diethylphthalate	15.04	149	102003	4.27	ng		98
60) 4-Chlorophenyl-phenylether	15.26	204	48404	4.24	ng	#	76
61) 4-Nitroaniline	15.32	138	12414m	2.72	ng		
62) Azobenzene	15.55	77	111328	4.49	ng		79
64) 4,6-Dinitro-2-methylphenol	15.40	198	8160	7.26	ng		78
65) n-Nitrosodiphenylamine	15.48	169	77330	3.94	ng		93
66) 4-Bromophenyl-phenylether	16.15	248	31565	4.33	ng	#	70
67) Hexachlorobenzene	16.26	284	34445	4.31	ng	#	74
68) Atrazine	16.44	200	25598	3.48	ng		92
69) Pentachlorophenol	16.62	266	13971	8.30	ng	#	85
70) Phenanthrene	17.00	178	158844	4.24	ng		99
71) Anthracene	17.10	178	148463	4.07	ng		98
72) Carbazole	17.38	167	127902	3.73	ng		97
73) Di-n-butylphthalate	17.93	149	168872	3.84	ng	#	94
74) Fluoranthene	19.03	202	182239	4.13	ng		97
77) Pyrene	19.40	202	195750	3.91	ng		99
79) Butylbenzylphthalate	20.31	149	72788	3.23	ng	#	87
80) Benzo(a)anthracene	21.15	228	198660	4.25	ng		97
81) 3,3'-Dichlorobenzidine	21.10	252	56647	3.24	ng	#	88
82) Chrysene	21.20	228	201184	4.43	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	104722	3.19	ng		98
84) Di-n-octyl phthalate	21.95	149	163227	3.59	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.51	276	164944	4.62	ng		99
87) Benzo(b)fluoranthene	22.70	252	190283	4.10	ng	#	91
88) Benzo(k)fluoranthene	22.74	252	169511	3.84	ng		98
89) Benzo(a)pyrene	23.25	252	165568	4.05	ng	#	93
90) Dibenzo(a,h)anthracene	25.51	278	138119	4.13	ng	#	92
91) Benzo(g,h,i)perylene	26.17	276	129571	4.15	ng	#	88

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

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