Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014175.D
Acq On : 07 Feb 2018 23:42
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 8 PPM
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:38 PM

Quant Time: Feb 08 08:09:03 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	7.54	152	74260	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	334220	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	240293	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	610100	20.00	ng		0.00
75) Chrysene-d12	21.16	240	738576	20.00	ng		0.00
86) Perylene-d12	23.34	264	693771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	588300	138.08	ng		0.00
7) Phenol-d6	6.73	99	813413	134.80	ng		0.00
23) Nitrobenzene-d5	8.70	82	799988	106.92	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	482393	141.48	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1887746	98.07	ng		0.00
78) Terphenyl-d14	19.60	244	3596526	95.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	13188	7.53	ng	#	100
3) Pyridine	3.54	79	34057	7.02	ng	#	93
4) n-Nitrosodimethylamine	3.46	42	23742	7.69	ng	#	34
6) Aniline	6.89	93	58140	7.56	ng		96
8) 2-Chlorophenol	7.11	128	38677	7.99	ng		96
9) Benzaldehyde	6.71	77	27533	6.34	ng	#	77
10) Phenol	6.76	94	44592	7.49	ng		94
11) bis(2-Chloroethyl)ether	6.99	93	34571	7.34	ng		96
12) 1,3-Dichlorobenzene	7.43	146	42602	7.04	ng	#	83
13) 1,4-Dichlorobenzene	7.58	146	46498	7.65	ng		95
14) 1,2-Dichlorobenzene	7.89	146	46088	7.53	ng		95
15) Benzyl Alcohol	7.80	79	36068	6.45	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.07	45	35325	7.38	ng		70
17) 2-Methylphenol	8.00	107	31892	7.00	ng	#	82
18) Hexachloroethane	8.60	117	19536	7.43	ng		93
19) n-Nitroso-di-n-propylamine	8.35	70	36517	7.03	ng	#	97
20) 3+4-Methylphenols	8.33	107	42681	6.46	ng		87
22) Acetophenone	8.37	105	70955	7.38	ng	#	84
24) Nitrobenzene	8.75	77	61194	7.94	ng		91
25) Isophorone	9.26	82	92275	7.44	ng	#	89
26) 2-Nitrophenol	9.46	139	20634	7.10	ng	#	43
27) 2,4-Dimethylphenol	9.52	122	31130	7.03	ng		89
28) bis(2-Chloroethoxy)methane	9.75	93	46599	7.33	ng		96
29) 2,4-Dichlorophenol	10.00	162	33119	6.69	ng		88
30) 1,2,4-Trichlorobenzene	10.18	180	48433	7.42	ng		91
31) Naphthalene	10.36	128	131331	7.18	ng		97
32) Benzoic acid	9.63	122	16479m	9.95	ng		
33) 4-Chloroaniline	10.51	127	48745	6.41	ng	#	86
34) Hexachlorobutadiene	10.63	225	35126	7.85	ng		92
35) Caprolactam	11.28	113	10810	6.11	ng	#	82
36) 4-Chloro-3-methylphenol	11.64	107	41614	6.79	ng	#	75
37) 2-Methylnaphthalene	11.99	142	95433	6.92	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	62959	7.48	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	20834	10.07	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	30898	6.25	ng		96
43) 2,4,5-Trichlorophenol	12.71	196	32674	5.98	ng	#	83
45) 1,1'-Biphenyl	13.02	154	149907	7.20	ng		99
46) 2-Chloronaphthalene	13.06	162	110463	6.99	ng	#	92
47) 2-Nitroaniline	13.30	65	38358	6.60	ng	#	64
48) Acenaphthylene	13.92	152	178666	6.90	ng		98
49) Dimethylphthalate	13.67	163	154438	7.18	ng		96
50) 2,6-Dinitrotoluene	13.80	165	30626	6.94	ng	#	40
51) Acenaphthene	14.26	154	114631	7.18	ng		94
52) 3-Nitroaniline	14.14	138	26432	5.79	ng	#	58
53) 2,4-Dinitrophenol	14.38	184	5833	9.77	ng	#	59
54) Dibenzofuran	14.60	168	172288	6.90	ng	#	86
55) 4-Nitrophenol	14.49	139	12900	9.10	ng	#	65
56) 2,4-Dinitrotoluene	14.61	165	41864	6.15	ng	#	67
57) Fluorene	15.26	166	154502	7.04	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.84	232	35868	6.67	ng	#	100
59) Diethylphthalate	15.04	149	170186	7.13	ng		95
60) 4-Chlorophenyl-phenylether	15.26	204	81052	7.10	ng		93
61) 4-Nitroaniline	15.32	138	25022	5.48	ng	#	29
62) Azobenzene	15.55	77	176844	7.13	ng	#	80
64) 4,6-Dinitro-2-methylphenol	15.37	198	20858	9.98	ng		88
65) n-Nitrosodiphenylamine	15.47	169	129702	6.73	ng		97
66) 4-Bromophenyl-phenylether	16.15	248	50333	7.04	ng	#	83
67) Hexachlorobenzene	16.26	284	57065	7.27	ng	#	83
68) Atrazine	16.44	200	41923	5.80	ng		95
69) Pentachlorophenol	16.63	266	25632	10.35	ng		96
70) Phenanthrene	17.00	178	265749	7.22	ng		98
71) Anthracene	17.09	178	248887	6.94	ng		99
72) Carbazole	17.38	167	224167	6.65	ng		98
73) Di-n-butylphthalate	17.93	149	294219	6.82	ng	#	96
74) Fluoranthene	19.03	202	318312	7.35	ng		100
76) Benzidine	19.23	184	61832	2.81	ng	#	93
77) Pyrene	19.39	202	337167	6.57	ng		98
79) Butylbenzylphthalate	20.31	149	139195	6.02	ng	#	86
80) Benzo(a)anthracene	21.15	228	348641	7.26	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	110716	6.17	ng		94
82) Chrysene	21.20	228	336981	7.24	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	203815	6.05	ng		96
84) Di-n-octyl phthalate	21.94	149	312541	6.70	ng		96
85) Indeno(1,2,3-cd)pyrene	25.50	276	306719	8.38	ng		99
87) Benzo(b)fluoranthene	22.69	252	323482	6.72	ng	#	95
88) Benzo(k)fluoranthene	22.74	252	332569	7.27	ng	#	93
89) Benzo(a)pyrene	23.25	252	302330	7.13	ng	#	98
90) Dibenzo(a,h)anthracene	25.51	278	260394	7.51	ng	#	92
91) Benzo(g,h,i)perylene	26.18	276	240161	7.41	ng	#	87

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

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