Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015244.D
Acq On : 22 May 2018 17:32
Operator : SJ/JU
Sample : J2133-01
Misc : LOD 1 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT2-2018

Quant Time: May 23 04:55:41 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	8.41	152	206663	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	825551	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	426106	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	881903	20.00	ng		0.00
75) Chrysene-d12	21.83	240	873288	20.00	ng		0.00
86) Perylene-d12	24.27	264	890744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1689505	133.75	ng		0.00
7) Phenol-d6	7.55	99	2139096	130.05	ng		0.00
23) Nitrobenzene-d5	9.59	82	1218180	80.83	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	742067	138.88	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2704155	78.89	ng		0.00
78) Terphenyl-d14	20.29	244	3560372	90.03	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.73	93	16414	0.810	ng		93
8) 2-Chlorophenol	7.96	128	13608	0.955	ng		82
9) Benzaldehyde	7.55	77	9839	0.946	ng	#	56
10) Phenol	7.57	94	16031	0.960	ng		96
11) bis(2-Chloroethyl)ether	7.82	93	12783	0.965	ng		92
12) 1,3-Dichlorobenzene	8.30	146	16127	0.992	ng	#	94
13) 1,4-Dichlorobenzene	8.45	146	16124	0.981	ng		98
14) 1,2-Dichlorobenzene	8.77	146	15349	0.984	ng		96
15) Benzyl Alcohol	8.66	79	9600	0.807	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.93	45	20377	0.975	ng		98
18) Hexachloroethane	9.50	117	5192	0.890	ng		91
24) Nitrobenzene	9.63	77	15384	0.980	ng		99
31) Naphthalene	11.30	128	41703	0.972	ng		98
34) Hexachlorobutadiene	11.56	225	8758	1.034	ng		96
37) 2-Methylnaphthalene	12.88	142	26761	0.900	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	14696	0.979	ng	#	100
45) 1,1'-Biphenyl	13.86	154	42814	1.148	ng		97
46) 2-Chloronaphthalene	13.91	162	27349	0.953	ng		95
47) 2-Nitroaniline	14.12	65	4550	0.557	ng	#	85
48) Acenaphthylene	14.75	152	35387	0.830	ng		98
49) Dimethylphthalate	14.46	163	31739	0.933	ng	#	98
50) 2,6-Dinitrotoluene	14.59	165	4472	0.630	ng	#	85
51) Acenaphthene	15.08	154	26608	1.002	ng		97
54) Dibenzofuran	15.42	168	39348	0.940	ng		99
57) Fluorene	16.05	166	29076	0.879	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	4711	0.564	ng	#	100
59) Diethylphthalate	15.80	149	28765	0.858	ng		98
62) Azobenzene	16.33	77	21578	0.678	ng		90
65) n-Nitrosodiphenylamine	16.25	169	22751	0.803	ng		98
66) 4-Bromophenyl-phenylether	16.92	248	8564	0.869	ng	#	83
67) Hexachlorobenzene	17.04	284	10828	0.954	ng	#	85
68) Atrazine	17.17	200	4576	0.509	ng		93
70) Phenanthrene	17.78	178	47866	0.953	ng		97
71) Anthracene	17.87	178	40720	0.813	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.13	167	35234	0.795	ng		98
73) Di-n-butylphthalate	18.65	149	36083	0.691	ng		99
74) Fluoranthene	19.75	202	47605	0.864	ng		96
77) Pyrene	20.11	202	50403	0.914	ng		100
79) Butylbenzylphthalate	20.95	149	15844	0.704	ng		87
80) Benzo(a)anthracene	21.82	228	52509	0.954	ng		98
82) Chrysene	21.87	228	51288	0.990	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	21663	0.662	ng	#	95
84) Di-n-octyl phthalate	22.63	149	35808	0.625	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.79	276	55425	0.884	ng	#	89
87) Benzo(b)fluoranthene	23.53	252	49386	0.876	ng		97
88) Benzo(k)fluoranthene	23.58	252	48343	0.907	ng	#	96
89) Benzo(a)pyrene	24.17	252	44555	0.848	ng	#	89
90) Dibenzo(a,h)anthracene	26.80	278	47437	0.884	ng		95
91) Benzo(g,h,i)perylene	27.57	276	47163	0.903	ng		96

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

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