Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017183.D
Acq On : 18 Oct 2018 09:10
Operator : MJ/SJ
Sample : J5164-01
Misc : LOD 1 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT4-2018

Quant Time: Oct 18 14:36:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	193736	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	804139	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	462652	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1101134	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1273902	20.00	ng		-0.01
87) Perylene-d12	23.47	264	1292315	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1599751	139.66	ng		0.00
7) Phenol-d6	6.85	99	2088515	133.87	ng		0.00
23) Nitrobenzene-d5	8.82	82	1223133	88.96	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	935094	149.46	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	2984839	85.84	ng		0.00
79) Terphenyl-d14	19.70	244	4744812	83.95	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.01	93	11847	0.607	ng		93
8) 2-Chlorophenol	7.24	128	13840	1.044	ng		90
9) Benzaldehyde	6.83	77	14207	1.428	ng	#	70
10) Phenol	6.88	94	17118	1.020	ng	#	74
11) bis(2-Chloroethyl)ether	7.10	93	12425	0.928	ng		97
12) 1,3-Dichlorobenzene	7.56	146	15540	1.006	ng		94
13) 1,4-Dichlorobenzene	7.70	146	15731	0.997	ng		93
14) 1,2-Dichlorobenzene	8.02	146	14828	0.975	ng		97
15) Benzyl Alcohol	7.92	79	10015	0.878	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	16672	0.892	ng		93
18) Hexachloroethane	8.73	117	5333	0.987	ng		95
24) Nitrobenzene	8.86	77	17075	1.174	ng		93
31) Naphthalene	10.50	128	40934	1.039	ng		97
34) Hexachlorobutadiene	10.78	225	8413	0.950	ng		92
37) 2-Methylnaphthalene	12.12	142	29784	1.104	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	15342	0.942	ng		97
46) 1,1'-Biphenyl	13.14	154	43457	1.044	ng		98
47) 2-Chloronaphthalene	13.18	162	30186	0.986	ng		99
48) 2-Nitroaniline	13.40	65	5520	6.250	ng		98
49) Acenaphthylene	14.03	152	41338	0.931	ng		98
50) Dimethylphthalate	13.77	163	36627	1.026	ng	#	95
51) 2,6-Dinitrotoluene	13.90	165	5572	0.709	ng		96
52) Acenaphthene	14.37	154	29058	1.042	ng		96
55) Dibenzofuran	14.72	168	48301	1.042	ng		96
58) Fluorene	15.36	166	35234	1.027	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.95	232	7493	0.810	ng	#	97
60) Diethylphthalate	15.15	149	35094	0.991	ng		99
63) Azobenzene	15.66	77	27546	0.801	ng		96
66) n-Nitrosodiphenylamine	15.58	169	28289	0.849	ng		93
67) 4-Bromophenyl-phenylether	16.26	248	10618	0.878	ng		92
68) Hexachlorobenzene	16.36	284	13733	0.978	ng		94
69) Atrazine	16.54	200	10380	0.871	ng		98
71) Phenanthrene	17.10	178	64163	1.080	ng		98
72) Anthracene	17.20	178	55036	0.975	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.47	167	45988	0.798	ng		96
74) Di-n-butylphthalate	18.04	149	44786	0.736	ng		99
75) Fluoranthene	19.13	202	66902	1.001	ng		98
78) Pyrene	19.49	202	69025	0.969	ng		99
80) Butylbenzylphthalate	20.40	149	20794	7.829	ng		89
81) Benzo(a)anthracene	21.24	228	75843	1.058	ng		97
83) Chrysene	21.29	228	75033	1.057	ng		97
84) Bis(2-ethylhexyl)phthalate	21.18	149	26585	5.878	ng		99
85) Di-n-octyl phthalate	22.05	149	45980	6.150	ng	#	88
86) Indeno(1,2,3-cd)pyrene	25.67	276	80001	1.008	ng		98
88) Benzo(b)fluoranthene	22.80	252	74915	1.060	ng		97
89) Benzo(k)fluoranthene	22.85	252	68451	0.965	ng		96
90) Benzo(a)pyrene	23.37	252	66929	0.998	ng		97
91) Dibenzo(a,h)anthracene	25.69	278	68212	1.024	ng		96
92) Benzo(g,h,i)perylene	26.36	276	69352	1.050	ng		99

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

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