Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035848.D
Acq On : 24 Jul 2018 15:23
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/25/2018 6:34:52 PM

Quant Time: Jul 25 17:20:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35214	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	127433	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	92174	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	253585	20.00	ng		0.00
75) Chrysene-d12	21.66	240	297294	20.00	ng		0.00
86) Perylene-d12	24.85	264	276242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	266521	125.66	ng		0.00
7) Phenol-d6	7.19	99	367843	116.24	ng		0.00
23) Nitrobenzene-d5	9.19	82	260305	85.33	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	167806	138.12	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	617219	89.71	ng		0.00
78) Terphenyl-d14	20.00	244	1395773	103.49	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.35	93	2134	0.520	ng		91
8) 2-Chlorophenol	7.60	128	2011	0.932	ng		79
9) Benzaldehyde	7.18	77	2737	1.410	ng	#	53
10) Phenol	7.23	94	2880	0.901	ng	#	32
11) bis(2-Chloroethyl)ether	7.45	93	1928	0.770	ng		78
12) 1,3-Dichlorobenzene	7.92	146	2420	0.929	ng	#	93
13) 1,4-Dichlorobenzene	8.06	146	2641m	0.998	ng		
14) 1,2-Dichlorobenzene	8.39	146	2191	0.862	ng		96
15) Benzyl Alcohol	8.29	79	1490	0.518	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.56	45	2638	1.257	ng		62
18) Hexachloroethane	9.11	117	943	0.932	ng	#	76
24) Nitrobenzene	9.24	77	3594	1.172	ng	#	82
31) Naphthalene	10.88	128	6681	1.006	ng	#	88
34) Hexachlorobutadiene	11.17	225	1974	0.981	ng	#	74
37) 2-Methylnaphthalene	12.49	142	4970	1.005	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	3659	1.052	ng	#	96
45) 1,1'-Biphenyl	13.48	154	7522	1.053	ng		90
46) 2-Chloronaphthalene	13.53	162	5296	0.953	ng		90
47) 2-Nitroaniline	13.77	65	1104m	0.562	ng		
48) Acenaphthylene	14.38	152	8738	0.938	ng	#	89
49) Dimethylphthalate	14.11	163	7235	0.896	ng		98
50) 2,6-Dinitrotoluene	14.23	165	1237	0.752	ng	#	83
51) Acenaphthene	14.72	154	5261	0.907	ng		98
54) Dibenzofuran	15.06	168	9584	1.039	ng		98
57) Fluorene	15.71	166	7096	0.918	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1653	0.757	ng	#	61
59) Diethylphthalate	15.46	149	7722	0.930	ng		93
62) Azobenzene	15.98	77	6871	0.839	ng		89
65) n-Nitrosodiphenylamine	15.91	169	6362	0.881	ng		90
66) 4-Bromophenyl-phenylether	16.59	248	2701	0.918	ng		94
67) Hexachlorobenzene	16.70	284	2483	0.820	ng		95
68) Atrazine	16.86	200	2438	0.820	ng		79
70) Phenanthrene	17.44	178	12706	1.004	ng	#	88
71) Anthracene	17.53	178	12583	0.999	ng	#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.82	167	9276	0.775	ng	#	96
73) Di-n-butylphthalate	18.35	149	11248	0.795	ng		99
74) Fluoranthene	19.45	202	16626	0.975	ng		90
77) Pyrene	19.81	202	17058	0.907	ng	#	90
79) Butylbenzylphthalate	20.68	149	5451	0.811	ng	#	93
80) Benzo(a)anthracene	21.64	228	17962	0.970	ng		97
82) Chrysene	21.70	228	18931	1.103	ng		92
83) Bis(2-ethylhexyl)phthalate	21.54	149	8807	0.964	ng		91
84) Di-n-octyl phthalate	22.74	149	13473	0.880	ng		97
85) Indeno(1,2,3-cd)pyrene	28.52	276	13933m	0.733	ng		
87) Benzo(b)fluoranthene	23.84	252	15692	0.935	ng		99
88) Benzo(k)fluoranthene	23.84	252	15692	0.956	ng		99
89) Benzo(a)pyrene	24.70	252	14693	0.941	ng	#	88
90) Dibenzo(a,h)anthracene	28.59	278	11686m	0.762	ng		
91) Benzo(g,h,i)perylene	29.67	276	13115m	0.874	ng		

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

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