Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002194.D
Acq On : 30 Jul 2018 20:11
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 0.1PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/31/2018 3:37:15 PM

Quant Time: Jul 31 11:35:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3370	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	13586	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	7285	0.40	ng		0.00
19) Phenanthrene-d10	17.08	188	14988	0.40	ng		0.01
27) Chrysene-d12	21.27	240	11186	0.40	ng		0.00
34) Perylene-d12	23.50	264	10575	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2707	0.34	ng		0.00
5) Phenol-d6	6.88	99	2962	0.31	ng		0.00
8) Nitrobenzene-d5	8.86	82	3455	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	12.06	152	7423	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	788	0.25	ng		0.01
15) 2-Fluorobiphenyl	12.95	172	10539	0.38	ng		0.01
25) Fluoranthene-d10	19.11	212	13174	0.36	ng		0.00
29) Terphenyl-d14	19.71	244	8612	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	411	0.108	ng		84
3) n-Nitrosodimethylamine	3.66	42	74m	0.137	ng		
6) bis(2-Chloroethyl)ether	7.14	93	819	0.089	ng		98
9) Naphthalene	10.52	128	2846	0.093	ng	#	90
10) Hexachlorobutadiene	10.80	225	624	0.094	ng	#	54
12) 2-Methylnaphthalene	12.14	142	1840	0.089	ng		98
16) Acenaphthylene	14.04	152	2641	0.085	ng		99
17) Acenaphthene	14.39	154	1826	0.091	ng		97
18) Fluorene	15.38	166	2155	0.088	ng	#	79
20) 4-Bromophenyl-phenylether	16.27	248	715	0.084	ng	#	76
21) Hexachlorobenzene	16.39	284	913	0.097	ng		96
22) Pentachlorophenol	16.77	266	95	0.134	ng	#	74
23) Phenanthrene	17.11	178	3312	0.089	ng		97
24) Anthracene	17.22	178	2356	0.076	ng		97
26) Fluoranthene	19.14	202	3285	0.081	ng		97
28) Pyrene	19.50	202	3311	0.100	ng		99
30) Benzo(a)anthracene	21.26	228	2659	0.094	ng		97
31) Chrysene	21.31	228	2902	0.092	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	1145	0.089	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.74	276	3135	0.106	ng	#	93
35) Benzo(b)fluoranthene	22.84	252	2745	0.088	ng	#	92
36) Benzo(k)fluoranthene	22.88	252	2975	0.092	ng	#	78
37) Benzo(a)pyrene	23.41	252	2562	0.091	ng	#	73
38) Dibenzo(a,h)anthracene	25.75	278	2563	0.093	ng	#	89
39) Benzo(g,h,i)perylene	26.41	276	2730	0.097	ng	#	91

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

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