

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002193.D
 Acq On : 30 Jul 2018 19:35
 Operator : JU/SJ
 Sample : J3762-02
 Misc : LOO 0.2PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Quant Time: Jul 31 01:25:21 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	3072	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12686	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7059	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	15098	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11610	0.40	ng	0.00
34) Perylene-d12	23.50	264	10645	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2250	0.31	ng	0.00
5) Phenol-d6	6.88	99	2556	0.29	ng	0.00
8) Nitrobenzene-d5	8.84	82	3179	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	6652	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	783	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	9559	0.35	ng	0.00
25) Fluoranthene-d10	19.11	212	12801	0.34	ng	0.00
29) Terphenyl-d14	19.71	244	8882	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	668	0.193	ng	91
3) n-Nitrosodimethylamine	3.64	42	265	0.199	ng	# 84
6) bis(2-Chloroethyl)ether	7.14	93	1591	0.190	ng	97
9) Naphthalene	10.52	128	5261	0.184	ng	# 93
10) Hexachlorobutadiene	10.80	225	1156	0.187	ng	# 55
12) 2-Methylnaphthalene	12.14	142	3519	0.182	ng	98
16) Acenaphthylene	14.04	152	5240	0.174	ng	99
17) Acenaphthene	14.38	154	3565	0.184	ng	97
18) Fluorene	15.38	166	4276	0.179	ng	# 80
20) 4-Bromophenyl-phenylether	16.27	248	1494	0.175	ng	# 85
21) Hexachlorobenzene	16.38	284	1796	0.190	ng	96
22) Pentachlorophenol	16.75	266	202	0.179	ng	# 72
23) Phenanthrene	17.11	178	6779	0.180	ng	99
24) Anthracene	17.21	178	5061	0.163	ng	96
26) Fluoranthene	19.14	202	6876	0.168	ng	# 97
28) Pyrene	19.50	202	6871	0.200	ng	100
30) Benzo(a)anthracene	21.26	228	5078	0.174	ng	95
31) Chrysene	21.30	228	6265	0.192	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	2233	0.167	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.73	276	6130	0.199	ng	94
35) Benzo(b)fluoranthene	22.83	252	5724	0.183	ng	# 93
36) Benzo(k)fluoranthene	22.88	252	5859	0.180	ng	# 89
37) Benzo(a)pyrene	23.40	252	5177	0.183	ng	# 85
38) Dibenzo(a,h)anthracene	25.75	278	5002	0.181	ng	95
39) Benzo(g,h,i)perylene	26.41	276	5343	0.189	ng	# 91

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

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