

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102720\
 Data File : BN012408.D
 Acq On : 27 Oct 2020 13:44
 Operator : CG/JU
 Sample : L4214-02
 Misc : LOQ-SOIL-0.1NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
 APPROVED

mohammad
 10/29/2020 10:43:23 AM

Quant Time: Oct 27 15:37:38 2020
 Quant Title :
 QLast Update : Tue Oct 27 11:36:24 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	537	0.40	ng	# 0.00
7) Naphthalene-d8	10.351	136	2095	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1228	0.40	ng	0.00
19) Phenanthrene-d10	16.980	188	2602	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	2722	0.40	ng	# 0.01
36) Perylene-d12	23.357	264	3174	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	796	0.42	ng	0.00
5) Phenol-d6	6.757	99	818	0.37	ng	0.00
8) Nitrobenzene-d5	8.742	82	914	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1641	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	355	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	1887	0.41	ng	0.00
27) Fluoranthene-d10	19.013	212	4147	0.52	ng	0.00
31) Terphenyl-d14	19.623	244	3162	0.49	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	92m	0.11	ng	
3) n-Nitrosodimethylamine	3.495	42	256	0.12	ng	# 75
6) bis(2-Chloroethyl)ether	7.014	93	109	0.07	ng	# 68
9) Naphthalene	10.402	128	665	0.11	ng	# 66
10) Hexachlorobutadiene	10.681	225	138	0.11	ng	# 96
12) 2-Methylnaphthalene	12.033	142	434	0.11	ng	# 85
16) Acenaphthylene	13.938	152	706	0.12	ng	99
17) Acenaphthene	14.281	154	443	0.11	ng	89
18) Fluorene	15.283	166	542	0.11	ng	96
20) 4,6-Dinitro-2-methylph...	15.410	198	61	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.177	248	167	0.11	ng	# 83
22) Hexachlorobenzene	16.287	284	223	0.12	ng	# 82
23) Atrazine	16.457	200	166	0.11	ng	# 61
24) Pentachlorophenol	16.640	266	199	0.22	ng	95
25) Phenanthrene	17.017	178	825	0.11	ng	98
26) Anthracene	17.114	178	749	0.11	ng	97
28) Fluoranthene	19.047	202	1104	0.12	ng	99
30) Pyrene	19.415	202	1136	0.12	ng	98
32) Benzo(a)anthracene	21.174	228	881	0.11	ng	# 84
33) Chrysene	21.216	228	1218	0.13	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.099	149	960	0.18	ng	# 94
35) Indeno(1,2,3-cd)pyrene	25.527	276	1467	0.11	ng	# 88
37) Benzo(b)fluoranthene	22.714	252	1160	0.12	ng	# 45
38) Benzo(k)fluoranthene	22.755	252	1383	0.13	ng	# 49
39) Benzo(a)pyrene	23.265	252	1204	0.12	ng	# 19
40) Dibenzo(a,h)anthracene	25.548	278	1212	0.11	ng	# 28
41) Benzo(g,h,i)perylene	26.184	276	1457	0.13	ng	# 78

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

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