

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
 Data File : BN011152.D
 Acq On : 13 Jul 2020 13:59
 Operator : CG/JU
 Sample : L3216-02
 Misc : L00-SOIL-0.1PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/14/2020 12:02:07 PM

Quant Time: Jul 13 14:34:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 13:53:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1553	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	4833	0.40	ng	0.01
13) Acenaphthene-d10	14.13	164	2526	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	6158	0.40	ng	0.01
29) Chrysene-d12	21.11	240	4365	0.40	ng	0.01
36) Perylene-d12	23.25	264	4471	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	1425	0.37	ng	0.00
5) Phenol-d6	6.71	99	1451	0.34	ng	0.00
8) Nitrobenzene-d5	8.66	82	1329	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3118	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	360	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	3568	0.30	ng	0.01
27) Fluoranthene-d10	18.94	212	5818	0.30	ng	0.01
31) Terphenyl-d14	19.55	244	4301	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	168	0.076	ng	Qvalue # 78
3) n-Nitrosodimethylamine	3.62	42	59m	0.053	ng	
6) bis(2-Chloroethyl)ether	6.96	93	320	0.081	ng	100
9) Naphthalene	10.30	128	1271	0.088	ng	# 82
10) Hexachlorobutadiene	10.60	225	338	0.095	ng	# 96
12) 2-Methylnaphthalene	11.94	142	871	0.096	ng	95
16) Acenaphthylene	13.85	152	1040	0.081	ng	97
17) Acenaphthene	14.20	154	721	0.084	ng	97
18) Fluorene	15.21	166	856	0.078	ng	98
20) 4,6-Dinitro-2-methylphenol	15.36	198	41m	0.051	ng	
21) 4-Bromophenyl-phenylether	16.11	248	296	0.071	ng	# 85
22) Hexachlorobenzene	16.20	284	412	0.085	ng	96
23) Atrazine	16.40	200	267	0.091	ng	# 75
24) Pentachlorophenol	16.57	266	204m	0.141	ng	
25) Phenanthrene	16.93	178	1572	0.079	ng	99
26) Anthracene	17.04	178	1206	0.073	ng	# 94
28) Fluoranthene	18.97	202	1673	0.071	ng	98
30) Pyrene	19.33	202	1578	0.095	ng	99
32) Benzo(a)anthracene	21.10	228	1233m	0.087	ng	
33) Chrysene	21.15	228	1662	0.096	ng	94
34) Bis(2-ethylhexyl)phthalate	21.05	149	863	0.148	ng	95
35) Indeno(1,2,3-cd)pyrene	25.36	276	1580	0.087	ng	# 90
37) Benzo(b)fluoranthene	22.62	252	1428	0.080	ng	# 59
38) Benzo(k)fluoranthene	22.67	252	1719	0.085	ng	# 55
39) Benzo(a)pyrene	23.16	252	1219	0.075	ng	# 39
40) Dibenzo(a,h)anthracene	25.39	278	1147	0.067	ng	# 41
41) Benzo(g,h,i)perylene	25.99	276	1527	0.081	ng	# 80

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

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