

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099895.D
 Acq On : 10 Jun 2019 18:08
 Operator : JU/SJ
 Sample : K2241-01
 Misc : LOD-SOIL-0.1PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 11 07:11:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	605	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2131	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	1798	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6040	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7962	0.40	ng	0.00
34) Perylene-d12	23.94	264	9277	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	1407	0.86	ng	0.00
5) Phenol-d6	6.98	99	1727	0.82	ng	0.00
8) Nitrobenzene-d5	8.99	82	1217	0.60	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1438	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	929	0.70	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	4594	0.67	ng	0.01
25) Fluoranthene-d10	19.25	212	32213	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	12822	0.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	111	0.124	ng	# 77
3) n-Nitrosodimethylamine	3.62	42	35	0.068	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	169	0.098	ng	94
9) Naphthalene	10.67	128	2811	0.122	ng	# 91
10) Hexachlorobutadiene	10.93	225	202	0.115	ng	95
12) 2-Methylnaphthalene	12.30	142	435	0.116	ng	# 93
16) Acenaphthylene	14.20	152	974	0.109	ng	99
17) Acenaphthene	14.54	154	523	0.107	ng	97
18) Fluorene	15.53	166	850	0.116	ng	96
20) 4-Bromophenyl-phenylether	16.42	248	363	0.106	ng	# 90
21) Hexachlorobenzene	16.52	284	408	0.117	ng	98
22) Pentachlorophenol	16.95	266	8	0.007	ng	85
23) Phenanthrene	17.27	178	1574	0.107	ng	98
24) Anthracene	17.36	178	1271	0.095	ng	99
26) Fluoranthene	19.28	202	2739	0.110	ng	100
28) Pyrene	19.65	202	2843	0.136	ng	99
30) Benzo(a)anthracene	21.39	228	2506	0.105	ng	96
31) Chrysene	21.45	228	3291	0.134	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	3832	0.112	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	3516	0.121	ng	# 92
35) Benzo(b)fluoranthene	23.16	252	2776	0.107	ng	# 87
36) Benzo(k)fluoranthene	23.21	252	3049	0.112	ng	# 89
37) Benzo(a)pyrene	23.82	252	3111	0.121	ng	# 81
38) Dibenzo(a,h)anthracene	26.66	278	2759	0.107	ng	# 81
39) Benzo(g,h,i)perylene	27.45	276	3106	0.117	ng	# 90

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

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