

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097102.D
 Acq On : 26 Jul 2018 13:58
 Operator : SJ/JU
 Sample : J3762-01
 Misc : LOD 0.1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:39:44 AM

Quant Time: Jul 27 04:07:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 24 13:24:10 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1103	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5384	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3192	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	9221	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6917	0.40	ng	0.00
34) Perylene-d12	23.22	264	5364	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	1022	0.33	ng	0.00
5) Phenol-d6	6.59	99	1377	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	1685	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3050	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	262	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4488	0.41	ng	0.00
25) Fluoranthene-d10	18.82	212	33502	0.36	ng	0.00
29) Terphenyl-d14	19.43	244	5341	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	200	0.114	ng	91
3) n-Nitrosodimethylamine	3.39	42	155	0.079	ng	# 93
6) bis(2-Chloroethyl)ether	6.84	93	795	0.191	ng	# 21
9) Naphthalene	10.20	128	4673	0.097	ng	# 97
10) Hexachlorobutadiene	10.48	225	217	0.100	ng	97
12) 2-Methylnaphthalene	11.81	142	760	0.092	ng	98
16) Acenaphthylene	13.74	152	1355	0.095	ng	98
17) Acenaphthene	14.08	154	782	0.094	ng	# 88
18) Fluorene	15.07	166	989	0.090	ng	# 81
20) 4-Bromophenyl-phenylether	15.98	248	399	0.089	ng	# 84
21) Hexachlorobenzene	16.08	284	469	0.098	ng	# 82
22) Pentachlorophenol	16.45	266	84	0.108	ng	97
23) Phenanthrene	16.81	178	1998	0.091	ng	99
24) Anthracene	16.90	178	1562	0.079	ng	# 94
26) Fluoranthene	18.84	202	2080	0.084	ng	99
28) Pyrene	19.21	202	1884	0.099	ng	99
30) Benzo(a)anthracene	20.97	228	1433m	0.083	ng	
31) Chrysene	21.02	228	1766	0.096	ng	95
32) Bis(2-ethylhexyl)phthalate	20.92	149	1446	0.072	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.54	276	1028	0.062	ng	# 70
35) Benzo(b)fluoranthene	22.54	252	1180	0.087	ng	# 92
36) Benzo(k)fluoranthene	22.59	252	1453	0.091	ng	# 76
37) Benzo(a)pyrene	23.12	252	1011	0.079	ng	# 73
38) Dibenzo(a,h)anthracene	25.56	278	658	0.051	ng	# 58
39) Benzo(g,h,i)perylene	26.23	276	878	0.065	ng	# 71

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

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