

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097103.D
 Acq On : 26 Jul 2018 15:22
 Operator : SJ/JU
 Sample : J3762-02
 Misc : LOQ 0.2PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:39:47 AM

Quant Time: Jul 27 04:12:29 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	1097	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5356	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3174	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	8936	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6968	0.40	ng	0.00
34) Perylene-d12	23.22	264	5245	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	915	0.30	ng	0.00
5) Phenol-d6	6.60	99	1252	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	1580	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2807	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	259	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4219	0.38	ng	0.00
25) Fluoranthene-d10	18.81	212	31221	0.35	ng	0.00
29) Terphenyl-d14	19.43	244	5076	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	321	0.184	ng	89
3) n-Nitrosodimethylamine	3.38	42	397	0.204	ng	# 77
6) bis(2-Chloroethyl)ether	6.84	93	858	0.208	ng	72
9) Naphthalene	10.20	128	9221	0.192	ng	99
10) Hexachlorobutadiene	10.48	225	442	0.205	ng	95
12) 2-Methylnaphthalene	11.80	142	1472	0.178	ng	97
16) Acenaphthylene	13.73	152	2720	0.191	ng	99
17) Acenaphthene	14.08	154	1597	0.193	ng	# 90
18) Fluorene	15.08	166	1973	0.180	ng	# 77
20) 4-Bromophenyl-phenylether	15.97	248	780	0.180	ng	# 77
21) Hexachlorobenzene	16.08	284	950	0.204	ng	# 84
22) Pentachlorophenol	16.45	266	141	0.160	ng	91
23) Phenanthrene	16.81	178	3956	0.186	ng	97
24) Anthracene	16.91	178	3159	0.166	ng	95
26) Fluoranthene	18.84	202	4110	0.172	ng	98
28) Pyrene	19.21	202	3727	0.195	ng	99
30) Benzo(a)anthracene	20.97	228	2720	0.157	ng	97
31) Chrysene	21.01	228	3566	0.192	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2525	0.136	ng	99
33) Indeno(1,2,3-cd)pyrene	25.53	276	2020m	0.120	ng	
35) Benzo(b)fluoranthene	22.54	252	2320	0.174	ng	# 94
36) Benzo(k)fluoranthene	22.59	252	2930	0.189	ng	# 89
37) Benzo(a)pyrene	23.12	252	1994	0.159	ng	# 85
38) Dibenzo(a,h)anthracene	25.55	278	1599	0.128	ng	# 81
39) Benzo(g,h,i)perylene	26.22	276	1914	0.144	ng	# 86

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

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