

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
 Data File : BE096594.D
 Acq On : 16 May 2018 15:31
 Operator : SJ/JU
 Sample : J2133-03
 Misc : MDL 0.1
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/17/2018 5:05:52 PM

Quant Time: May 17 04:08:17 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	646	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2737	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1582	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3623	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3386	0.40	ng	0.00
34) Perylene-d12	24.33	264	3112	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	567	0.32	ng	0.00
5) Phenol-d6	7.50	99	767	0.30	ng	0.00
8) Nitrobenzene-d5	9.53	82	1040	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1656	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	159	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2482	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	16444	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	2499	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	103	0.106	ng	95
3) n-Nitrosodimethylamine	3.97	42	89	0.073	ng	# 68
6) bis(2-Chloroethyl)ether	7.75	93	232	0.098	ng	84
9) Naphthalene	11.22	128	2772	0.096	ng	# 93
10) Hexachlorobutadiene	11.49	225	170	0.106	ng	89
12) 2-Methylnaphthalene	12.79	142	453	0.092	ng	# 89
16) Acenaphthylene	14.66	152	727	0.088	ng	97
17) Acenaphthene	14.99	154	486	0.097	ng	93
18) Fluorene	15.96	166	689	0.110	ng	# 70
20) 4-Bromophenyl-phenylether	16.82	248	198	0.090	ng	# 69
21) Hexachlorobenzene	16.95	284	217	0.095	ng	# 80
22) Pentachlorophenol	17.32	266	18	0.207	ng	96
23) Phenanthrene	17.67	178	905	0.089	ng	98
24) Anthracene	17.77	178	818	0.086	ng	97
26) Fluoranthene	19.65	202	1088	0.089	ng	97
28) Pyrene	20.00	202	512	0.084	ng	93
30) Benzo(a)anthracene	21.72	228	947	0.091	ng	94
31) Chrysene	21.77	228	1010m	0.093	ng	
32) Bis(2-ethylhexyl)phthalate	21.59	149	1986	0.089	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.10	276	875	0.084	ng	# 92
35) Benzo(b)fluoranthene	23.53	252	857	0.089	ng	# 89
36) Benzo(k)fluoranthene	23.58	252	923	0.091	ng	# 70
37) Benzo(a)pyrene	24.21	252	791	0.086	ng	# 67
38) Dibenzo(a,h)anthracene	27.12	278	674	0.080	ng	# 72
39) Benzo(g,h,i)perylene	27.96	276	813	0.093	ng	# 72

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

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