

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099810.D
 Acq On : 5 Jun 2019 19:00
 Operator : JU/SJ
 Sample : K2241-02
 Misc : LOO-SIM-0.2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:43:13 PM

Quant Time: Jun 06 01:49:49 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 05 14:35:58 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	851	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2797	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2053	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	6758	0.40	ng	0.01
27) Chrysene-d12	21.41	240	12426	0.40	ng	0.00
34) Perylene-d12	23.96	264	14636	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	401	0.19	ng	0.01
5) Phenol-d6	7.01	99	375	0.14	ng	0.05
8) Nitrobenzene-d5	9.00	82	384	0.16	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	802	0.17	ng	0.04
14) 2,4,6-Tribromophenol	16.04	330	126m	0.22	ng	0.06
15) 2-Fluorobiphenyl	13.15	172	1434	0.19	ng	0.04
25) Fluoranthene-d10	19.27	212	18988	0.19	ng	0.01
29) Terphenyl-d14	19.87	244	4462	0.22	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	78	0.063	ng	# 30
3) n-Nitrosodimethylamine	3.61	42	32	0.049	ng	# 1
6) bis(2-Chloroethyl)ether	7.28	93	39	0.017	ng	# 1
9) Naphthalene	10.67	128	436	0.015	ng	# 59
10) Hexachlorobutadiene	10.94	225	44	0.019	ng	# 89
12) 2-Methylnaphthalene	12.32	142	41	0.009	ng	# 69
16) Acenaphthylene	14.23	152	134	0.014	ng	# 89
17) Acenaphthene	14.56	154	53	0.010	ng	# 92
18) Fluorene	15.56	166	88	0.011	ng	# 77
20) 4-Bromophenyl-phenylether	16.44	248	24	0.006	ng	# 75
21) Hexachlorobenzene	16.55	284	44	0.011	ng	# 50
22) Pentachlorophenol	17.00	266	9	0.286	ng	# 92
23) Phenanthrene	17.28	178	164	0.010	ng	# 78
24) Anthracene	17.38	178	96	0.007	ng	# 70
26) Fluoranthene	19.30	202	366	0.013	ng	# 94
28) Pyrene	19.66	202	358	0.012	ng	# 93
30) Benzo(a)anthracene	21.40	228	411	0.012	ng	# 61
31) Chrysene	21.46	228	437	0.012	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.31	149	729	0.018	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.67	276	510m	0.011	ng	# 17
35) Benzo(b)fluoranthene	23.18	252	363	0.009	ng	# 17
36) Benzo(k)fluoranthene	23.22	252	356	0.008	ng	# 17
37) Benzo(a)pyrene	23.84	252	440	0.011	ng	# 20
38) Dibenzo(a,h)anthracene	26.72	278	396m	0.010	ng	# 35
39) Benzo(g,h,i)perylene	27.50	276	481	0.011	ng	# 35

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

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