

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008904.D
 Acq On : 10 Dec 2019 13:50
 Operator : JU
 Sample : K5111-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Manual Integrations
 APPROVED

mohammad
 12/11/2019 12:32:05 PM

Quant Time: Dec 10 15:23:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2674	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10724	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7941	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19011	0.40	ng	0.00
27) Chrysene-d12	21.13	240	18076	0.40	ng	0.00
34) Perylene-d12	23.28	264	17858	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2636	0.39	ng	0.00
5) Phenol-d6	6.75	99	3533	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	3252	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6878	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1261	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	10956	0.36	ng	0.00
25) Fluoranthene-d10	18.97	212	20057	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	16704	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	215	0.086	ng	92
3) n-Nitrosodimethylamine	3.55	42	204m	0.059	ng	
6) bis(2-Chloroethyl)ether	7.00	93	778	0.088	ng	95
9) Naphthalene	10.37	128	2641	0.090	ng	94
10) Hexachlorobutadiene	10.67	225	474	0.085	ng	# 100
12) 2-Methylnaphthalene	11.99	142	1969	0.090	ng	95
16) Acenaphthylene	13.90	152	2895	0.080	ng	99
17) Acenaphthene	14.25	154	2027	0.084	ng	97
18) Fluorene	15.24	166	2831	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	924	0.081	ng	94
21) Hexachlorobenzene	16.25	284	1035	0.080	ng	98
22) Pentachlorophenol	16.60	266	379	0.081	ng	91
23) Phenanthrene	16.97	178	5006	0.084	ng	100
24) Anthracene	17.06	178	4235	0.080	ng	100
26) Fluoranthene	19.00	202	5851	0.082	ng	99
28) Pyrene	19.36	202	5830	0.092	ng	99
30) Benzo(a)anthracene	21.12	228	5388	0.084	ng	98
31) Chrysene	21.17	228	5894	0.089	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2055	0.068	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	5435	0.077	ng	98
35) Benzo(b)fluoranthene	22.65	252	5654	0.088	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	5833	0.091	ng	# 74
37) Benzo(a)pyrene	23.19	252	4688	0.082	ng	# 66
38) Dibenzo(a,h)anthracene	25.41	278	4494	0.083	ng	# 86
39) Benzo(g,h,i)perylene	26.04	276	4848	0.091	ng	# 92

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

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