Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099929.D
Acq On : 11 Jun 2019 18:09
Operator : JU/SJ
Sample : K2241-01
Misc : LOD-SOIL-0.1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:37:45 AM

Quant Time: Jun 12 04:36:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	680	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2382	0.40	ng		0.00
13) Acenaphthene-d10	14.44	164	2019	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	6694	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	7866	0.40	ng		-0.04
34) Perylene-d12	23.87	264	9115	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1591	0.87	ng		0.00
5) Phenol-d6	6.96	99	2010	0.85	ng		0.00
8) Nitrobenzene-d5	8.98	82	1412	0.63	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	1615	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	885	0.59	ng		-0.03
15) 2-Fluorobiphenyl	13.09	172	5151	0.67	ng		-0.01
25) Fluoranthene-d10	19.22	212	33856	0.35	ng		-0.03
29) Terphenyl-d14	19.82	244	13107	0.93	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	97	0.096	ng		89
3) n-Nitrosodimethylamine	3.62	42	21	0.036	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	216	0.112	ng	#	43
9) Naphthalene	10.64	128	3179	0.124	ng	#	91
10) Hexachlorobutadiene	10.90	225	246	0.125	ng		98
12) 2-Methylnaphthalene	12.28	142	494	0.118	ng	#	93
16) Acenaphthylene	14.17	152	1108	0.110	ng		98
17) Acenaphthene	14.51	154	604	0.110	ng		98
18) Fluorene	15.49	166	897	0.109	ng		98
20) 4-Bromophenyl-phenylether	16.38	248	409	0.108	ng	#	91
21) Hexachlorobenzene	16.49	284	455	0.117	ng		96
22) Pentachlorophenol	16.91	266	94	0.350	ng		98
23) Phenanthrene	17.23	178	1781	0.110	ng		99
24) Anthracene	17.33	178	1246	0.084	ng		97
26) Fluoranthene	19.25	202	2894	0.105	ng		98
28) Pyrene	19.61	202	2887	0.140	ng		98
30) Benzo(a)anthracene	21.35	228	2433	0.103	ng		96
31) Chrysene	21.40	228	3191	0.131	ng		98
32) Bis(2-ethylhexyl)phthalate	21.26	149	3445	0.102	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.53	276	3136	0.109	ng	#	87
35) Benzo(b)fluoranthene	23.10	252	2643	0.103	ng	#	84
36) Benzo(k)fluoranthene	23.15	252	3310	0.124	ng	#	85
37) Benzo(a)pyrene	23.76	252	2825	0.112	ng	#	80
38) Dibenzo(a,h)anthracene	26.56	278	2411m	0.095	ng		
39) Benzo(g,h,i)perylene	27.34	276	2858	0.109	ng	#	84

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

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