Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
Data File : BE099896.D
Acq On : 10 Jun 2019 18:44
Operator : JU/SJ
Sample : K2241-02
Misc : LOO-SOIL-0.2PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/14/2019 8:39:12 AM

Quant Time: Jun 11 15:48:17 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	7.79	152	606	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	2088	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	1650	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5694	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7612	0.40	ng		0.00
34) Perylene-d12	23.94	264	8982	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2055	1.26	ng		0.00
5) Phenol-d6	6.97	99	2667	1.27	ng		0.00
8) Nitrobenzene-d5	8.96	82	1762	0.89	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	1330	0.37	ng		0.01
14) 2,4,6-Tribromophenol	15.97	330	1337	1.10	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	5976	0.96	ng		0.00
25) Fluoranthene-d10	19.25	212	28419	0.34	ng		0.00
29) Terphenyl-d14	19.85	244	16846	1.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	214	0.239	ng		91
3) n-Nitrosodimethylamine	3.61	42	137m	0.265	ng		
6) bis(2-Chloroethyl)ether	7.22	93	357	0.207	ng	#	67
9) Naphthalene	10.65	128	4928	0.219	ng	#	96
10) Hexachlorobutadiene	10.93	225	387	0.225	ng		98
12) 2-Methylnaphthalene	12.30	142	780	0.213	ng		96
16) Acenaphthylene	14.20	152	1670	0.203	ng		98
17) Acenaphthene	14.53	154	941	0.210	ng		98
18) Fluorene	15.52	166	1414	0.211	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	600	0.186	ng	#	91
21) Hexachlorobenzene	16.52	284	694	0.210	ng		99
22) Pentachlorophenol	17.00	266	112m	0.370	ng		
23) Phenanthrene	17.27	178	2762	0.200	ng		100
24) Anthracene	17.36	178	2217	0.175	ng		99
26) Fluoranthene	19.28	202	4805	0.205	ng		100
28) Pyrene	19.64	202	4776	0.239	ng		99
30) Benzo(a)anthracene	21.39	228	4654	0.205	ng		98
31) Chrysene	21.44	228	5605	0.238	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	6478	0.198	ng		99
33) Indeno(1,2,3-cd)pyrene	26.62	276	6249	0.224	ng		99
35) Benzo(b)fluoranthene	23.15	252	5152m	0.205	ng		
36) Benzo(k)fluoranthene	23.20	252	5782	0.220	ng	#	95
37) Benzo(a)pyrene	23.82	252	5398	0.218	ng	#	91
38) Dibenzo(a,h)anthracene	26.65	278	4951	0.198	ng	#	92
39) Benzo(g,h,i)perylene	27.44	276	5514	0.214	ng	#	97

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

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