Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100234.D
Acq On : 28 Jun 2019 14:48
Operator : JU/SJ
Sample : K2241-01
Misc : LOD-S-0.1PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/1/2019 3:06:41 PM

Quant Time: Jun 29 00:19:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	455	0.40	ng		0.01
7) Naphthalene-d8	10.46	136	1586	0.40	ng		0.01
13) Acenaphthene-d10	14.33	164	1260	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	3818	0.40	ng		0.01
27) Chrysene-d12	21.25	240	6050	0.40	ng		0.00
34) Perylene-d12	23.67	264	7449	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	464	0.40	ng		0.00
5) Phenol-d6	6.85	99	524	0.34	ng		0.01
8) Nitrobenzene-d5	8.85	82	554	0.35	ng		0.03
11) 2-Methylnaphthalene-d10	12.06	152	1131	0.38	ng		0.01
14) 2,4,6-Tribromophenol	15.84	330	284	0.32	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	1893	0.39	ng		0.01
25) Fluoranthene-d10	19.10	212	21693	0.39	ng		0.00
29) Terphenyl-d14	19.71	244	4814	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	86	0.122	ng		88
3) n-Nitrosodimethylamine	3.53	42	39m	0.119	ng		
6) bis(2-Chloroethyl)ether	7.13	93	133	0.106	ng	#	62
9) Naphthalene	10.51	128	2169	0.124	ng	#	88
10) Hexachlorobutadiene	10.77	225	208	0.123	ng		99
12) 2-Methylnaphthalene	12.15	142	338	0.110	ng		92
16) Acenaphthylene	14.05	152	742	0.123	ng		99
17) Acenaphthene	14.38	154	385	0.112	ng		92
18) Fluorene	15.38	166	603	0.119	ng		98
20) 4-Bromophenyl-phenylether	16.28	248	299	0.123	ng	#	87
21) Hexachlorobenzene	16.37	284	300	0.119	ng		98
22) Pentachlorophenol	16.79	266	128	0.168	ng		83
23) Phenanthrene	17.11	178	1089	0.118	ng		99
24) Anthracene	17.22	178	893	0.107	ng		99
26) Fluoranthene	19.13	202	1887	0.128	ng		100
28) Pyrene	19.50	202	1925	0.120	ng		99
30) Benzo(a)anthracene	21.23	228	2222	0.112	ng		97
31) Chrysene	21.28	228	2656	0.133	ng		95
32) Bis(2-ethylhexyl)phthalate	21.15	149	3719	0.075	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	3176	0.120	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	2433	0.120	ng	#	76
36) Benzo(k)fluoranthene	22.98	252	2801	0.124	ng	#	87
37) Benzo(a)pyrene	23.56	252	2714	0.134	ng	#	65
38) Dibenzo(a,h)anthracene	26.26	278	2492	0.118	ng	#	83
39) Benzo(g,h,i)perylene	27.01	276	2672	0.123	ng	#	89

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

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