Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006613.D
Acq On : 28 Jun 2019 15:14
Operator : HP/JU
Sample : K2241-02
Misc : LOQ-S-0.2PPM
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/1/2019 3:08:31 PM

Quant Time: Jun 29 01:17:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3103	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	12785	0.40	ng		0.00
13) Acenaphthene-d10	14.28	164	8375	0.40	ng		0.00
19) Phenanthrene-d10	17.04	188	19480	0.40	ng		0.00
27) Chrysene-d12	21.26	240	19357	0.40	ng		-0.01
34) Perylene-d12	23.50	264	20816	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2893	0.38	ng		0.00
5) Phenol-d6	6.84	99	3665	0.36	ng		0.00
8) Nitrobenzene-d5	8.82	82	2950	0.34	ng		0.02
11) 2-Methylnaphthalene-d10	12.01	152	7819	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	1306	0.33	ng		0.01
15) 2-Fluorobiphenyl	12.89	172	12653	0.41	ng		0.00
25) Fluoranthene-d10	19.08	212	21821	0.38	ng		0.00
29) Terphenyl-d14	19.68	244	17477	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	953	0.222	ng		94
3) n-Nitrosodimethylamine	3.54	42	453m	0.134	ng		
6) bis(2-Chloroethyl)ether	7.08	93	1457	0.162	ng		93
9) Naphthalene	10.45	128	6594	0.196	ng		97
10) Hexachlorobutadiene	10.73	225	1313	0.190	ng	#	100
12) 2-Methylnaphthalene	12.09	142	4556	0.196	ng		98
16) Acenaphthylene	14.00	152	7112	0.178	ng		100
17) Acenaphthene	14.33	154	5011	0.190	ng		99
18) Fluorene	15.34	166	6155	0.185	ng		99
20) 4-Bromophenyl-phenylether	16.23	248	1840	0.170	ng	#	87
21) Hexachlorobenzene	16.34	284	2575	0.189	ng		98
22) Pentachlorophenol	16.75	266	538	0.365	ng		94
23) Phenanthrene	17.08	178	10266	0.185	ng		100
24) Anthracene	17.17	178	8042	0.167	ng		100
26) Fluoranthene	19.11	202	12957	0.192	ng		100
28) Pyrene	19.48	202	13298	0.196	ng		100
30) Benzo(a)anthracene	21.25	228	10876	0.172	ng		99
31) Chrysene	21.30	228	13409	0.197	ng		100
32) Bis(2-ethylhexyl)phthalate	21.16	149	4478	0.141	ng		99
33) Indeno(1,2,3-cd)pyrene	25.74	276	13545	0.196	ng		99
35) Benzo(b)fluoranthene	22.83	252	13037	0.184	ng		95
36) Benzo(k)fluoranthene	22.87	252	14460	0.192	ng		95
37) Benzo(a)pyrene	23.40	252	13247	0.200	ng	#	92
38) Dibenzo(a,h)anthracene	25.75	278	10931	0.189	ng		95
39) Benzo(g,h,i)perylene	26.42	276	11414	0.198	ng		98

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

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