Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006612.D
Acq On : 28 Jun 2019 14:39
Operator : HP/JU
Sample : K2241-01
Misc : LOD-S-0.1PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/1/2019 3:08:28 PM

Quant Time: Jun 29 01:16:25 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	2948	0.40	ng		0.00
7) Naphthalene-d8	10.42	136	12135	0.40	ng		0.01
13) Acenaphthene-d10	14.28	164	7921	0.40	ng		0.00
19) Phenanthrene-d10	17.04	188	18539	0.40	ng		0.00
27) Chrysene-d12	21.28	240	18080	0.40	ng		0.01
34) Perylene-d12	23.53	264	19713	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2702	0.37	ng		0.00
5) Phenol-d6	6.85	99	3306	0.35	ng		0.02
8) Nitrobenzene-d5	8.82	82	2633	0.32	ng		0.03
11) 2-Methylnaphthalene-d10	12.02	152	7410	0.39	ng		0.01
14) 2,4,6-Tribromophenol	15.80	330	1178	0.32	ng		0.01
15) 2-Fluorobiphenyl	12.89	172	11484	0.39	ng		0.00
25) Fluoranthene-d10	19.09	212	20928	0.38	ng		0.00
29) Terphenyl-d14	19.69	244	16084	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	635	0.156	ng		88
3) n-Nitrosodimethylamine	3.54	42	288m	0.090	ng		
6) bis(2-Chloroethyl)ether	7.10	93	852	0.100	ng	#	88
9) Naphthalene	10.47	128	4120	0.129	ng	#	94
10) Hexachlorobutadiene	10.73	225	828	0.126	ng	#	99
12) 2-Methylnaphthalene	12.09	142	2790	0.127	ng		97
16) Acenaphthylene	14.00	152	4410	0.117	ng		100
17) Acenaphthene	14.34	154	3024	0.122	ng		99
18) Fluorene	15.35	166	3809	0.121	ng		98
20) 4-Bromophenyl-phenylether	16.24	248	1114	0.108	ng	#	92
21) Hexachlorobenzene	16.34	284	1603	0.123	ng		99
22) Pentachlorophenol	16.76	266	295	0.291	ng		96
23) Phenanthrene	17.08	178	6220	0.118	ng		98
24) Anthracene	17.18	178	4861	0.106	ng		99
26) Fluoranthene	19.12	202	8119	0.127	ng		99
28) Pyrene	19.48	202	8299	0.131	ng		99
30) Benzo(a)anthracene	21.26	228	6957	0.118	ng		97
31) Chrysene	21.32	228	8374	0.131	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	2869	0.096	ng		98
33) Indeno(1,2,3-cd)pyrene	25.78	276	8319	0.129	ng		99
35) Benzo(b)fluoranthene	22.86	252	8491	0.127	ng	#	89
36) Benzo(k)fluoranthene	22.91	252	8962	0.125	ng	#	89
37) Benzo(a)pyrene	23.44	252	7975	0.127	ng	#	86
38) Dibenzo(a,h)anthracene	25.79	278	6771	0.124	ng	#	90
39) Benzo(g,h,i)perylene	26.47	276	7154	0.131	ng		95

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

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