Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100485.D
Acq On : 22 Jul 2019 18:15
Operator : HP/JU
Sample : K2241-03
Misc : MDL-S-0.PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-MDL-SOIL-03-QT2-2019

Manual Integrations APPROVED
mohammad
7/23/2019 4:32:29 PM

Quant Time: Jul 23 15:54:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 17:11:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1941	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	8153	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	5462	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	14706	0.40	ng		0.00
27) Chrysene-d12	21.38	240	17216	0.40	ng		0.00
34) Perylene-d12	23.86	264	18483	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2333	0.49	ng		0.00
5) Phenol-d6	7.02	99	3302	0.49	ng		0.00
8) Nitrobenzene-d5	9.02	82	2419	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	5442	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	935	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	8118	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	83586	0.41	ng		0.00
29) Terphenyl-d14	19.83	244	16539	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	339m	0.116	ng		
3) n-Nitrosodimethylamine	3.68	42	203	0.114	ng	#	29
6) bis(2-Chloroethyl)ether	7.29	93	866	0.149	ng		88
9) Naphthalene	10.71	128	10815	0.138	ng	#	98
10) Hexachlorobutadiene	11.00	225	487	0.130	ng		98
12) 2-Methylnaphthalene	12.32	142	1875	0.133	ng		96
16) Acenaphthylene	14.21	152	3314	0.131	ng		99
17) Acenaphthene	14.56	154	1931	0.127	ng		96
18) Fluorene	15.53	166	2711	0.134	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	890	0.127	ng		93
21) Hexachlorobenzene	16.53	284	958	0.133	ng		98
22) Pentachlorophenol	16.88	266	662	0.218	ng		94
23) Phenanthrene	17.25	178	4896	0.136	ng		99
24) Anthracene	17.35	178	4422	0.129	ng		99
26) Fluoranthene	19.27	202	7267	0.140	ng		99
28) Pyrene	19.63	202	7516	0.140	ng		99
30) Benzo(a)anthracene	21.37	228	7147	0.136	ng		96
31) Chrysene	21.41	228	7016	0.135	ng		99
32) Bis(2-ethylhexyl)phthalate	21.30	149	15989	0.132	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.48	276	7915	0.140	ng		99
35) Benzo(b)fluoranthene	23.10	252	6927	0.137	ng	#	85
36) Benzo(k)fluoranthene	23.15	252	7406	0.140	ng	#	81
37) Benzo(a)pyrene	23.75	252	7124	0.145	ng	#	84
38) Dibenzo(a,h)anthracene	26.52	278	6189	0.133	ng	#	83
39) Benzo(g,h,i)perylene	27.28	276	6811	0.143	ng	#	90

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

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