Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099809.D
Acq On : 5 Jun 2019 18:24
Operator : JU/SJ
Sample : K2241-01
Misc : LOD-SIM-0.1PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/6/2019 3:43:10 PM

Quant Time: Jun 06 01:52:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1040	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	3274	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	2306	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	7558	0.40	ng		0.01
27) Chrysene-d12	21.43	240	13239	0.40	ng		0.01
34) Perylene-d12	23.96	264	15767	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	964	0.38	ng		0.01
5) Phenol-d6	6.99	99	1125	0.35	ng		0.02
8) Nitrobenzene-d5	8.99	82	806	0.28	ng		0.03
11) 2-Methylnaphthalene-d10	12.24	152	901	0.16	ng		0.03
14) 2,4,6-Tribromophenol	16.01	330	296	0.31	ng		0.03
15) 2-Fluorobiphenyl	13.13	172	2708	0.32	ng		0.03
25) Fluoranthene-d10	19.27	212	21082	0.19	ng		0.01
29) Terphenyl-d14	19.87	244	8273	0.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	153	0.101	ng	#	21
3) n-Nitrosodimethylamine	3.62	42	41	0.051	ng	#	71
6) bis(2-Chloroethyl)ether	7.23	93	160	0.056	ng		97
9) Naphthalene	10.68	128	2181	0.062	ng	#	86
10) Hexachlorobutadiene	10.94	225	154	0.058	ng	#	85
12) 2-Methylnaphthalene	12.32	142	252	0.045	ng	#	84
16) Acenaphthylene	14.21	152	574	0.052	ng		97
17) Acenaphthene	14.56	154	303	0.050	ng		90
18) Fluorene	15.54	166	448	0.050	ng	#	87
20) 4-Bromophenyl-phenylether	16.44	248	218	0.052	ng	#	86
21) Hexachlorobenzene	16.53	284	239	0.052	ng		96
22) Pentachlorophenol	16.92	266	6m	0.284	ng		
23) Phenanthrene	17.28	178	923	0.051	ng		98
24) Anthracene	17.38	178	625	0.038	ng	#	90
26) Fluoranthene	19.30	202	1894	0.060	ng		99
28) Pyrene	19.66	202	1915	0.060	ng		99
30) Benzo(a)anthracene	21.40	228	1796	0.049	ng	#	87
31) Chrysene	21.45	228	2619	0.065	ng		94
32) Bis(2-ethylhexyl)phthalate	21.32	149	2143	0.051	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.66	276	2662m	0.055	ng		
35) Benzo(b)fluoranthene	23.17	252	2171	0.050	ng	#	83
36) Benzo(k)fluoranthene	23.22	252	2776	0.060	ng	#	85
37) Benzo(a)pyrene	23.84	252	2273	0.054	ng	#	82
38) Dibenzo(a,h)anthracene	26.70	278	2068m	0.048	ng		
39) Benzo(g,h,i)perylene	27.48	276	2476	0.055	ng	#	88

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

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