Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095551.D
Acq On : 7 Feb 2018 13:30
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 0.1ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/8/2018 3:49:29 PM

Quant Time: Feb 08 02:01:46 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1373	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	5521	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3178	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7562	0.40	ng		0.00
27) Chrysene-d12	21.79	240	7754	0.40	ng		0.00
34) Perylene-d12	24.43	264	7169	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1209	0.29	ng		0.00
5) Phenol-d6	7.56	99	1600	0.28	ng		0.00
8) Nitrobenzene-d5	9.61	82	1649	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2590	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	319	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	4067	0.30	ng		0.00
25) Fluoranthene-d10	19.69	212	27819	0.28	ng		0.00
29) Terphenyl-d14	20.25	244	4812	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	266	0.117	ng		90
3) n-Nitrosodimethylamine	4.01	42	210	0.073	ng	#	83
6) bis(2-Chloroethyl)ether	7.83	93	459	0.087	ng		93
9) Naphthalene	11.33	128	5547	0.087	ng	#	97
10) Hexachlorobutadiene	11.58	225	279	0.081	ng		95
12) 2-Methylnaphthalene	12.88	142	932	0.086	ng		93
16) Acenaphthylene	14.74	152	1488	0.082	ng		98
17) Acenaphthene	15.06	154	965	0.086	ng		94
18) Fluorene	16.02	166	1238	0.087	ng	#	79
20) 4-Bromophenyl-phenylether	16.91	248	384	0.084	ng	#	68
21) Hexachlorobenzene	17.03	284	415	0.088	ng	#	88
22) Pentachlorophenol	17.37	266	69	0.198	ng		92
23) Phenanthrene	17.74	178	2052m	0.088	ng		
24) Anthracene	17.83	178	1760	0.081	ng	#	94
26) Fluoranthene	19.71	202	2529	0.086	ng		98
28) Pyrene	20.06	202	2747	0.084	ng		98
30) Benzo(a)anthracene	21.78	228	2264	0.088	ng		99
31) Chrysene	21.84	228	2282	0.090	ng		95
32) Bis(2-ethylhexyl)phthalate	21.65	149	5021	0.084	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1998	0.081	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	2081	0.085	ng		92
36) Benzo(k)fluoranthene	23.67	252	2109m	0.084	ng		
37) Benzo(a)pyrene	24.31	252	1859	0.082	ng	#	85
38) Dibenzo(a,h)anthracene	27.26	278	1583	0.079	ng	#	84
39) Benzo(g,h,i)perylene	28.11	276	1799	0.084	ng	#	82

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

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