Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070617\
Data File : BE093429.D
Acq On : 6 Jul 2017 14:04
Operator : SJ/JU
Sample : I3757-02
Misc : LOQ 0.2 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL-02-QT3-2017

Manual Integrations APPROVED
mohammad
7/7/2017 1:29:04 PM

Quant Time: Jul 07 07:02:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4041	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	22332	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	14040	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	34113	0.40	ng		0.00
27) Chrysene-d12	21.43	240	37661	0.40	ng		0.00
34) Perylene-d12	23.93	264	32695	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	5780	0.47	ng		0.00
5) Phenol-d6	7.10	99	9063	0.50	ng		0.00
8) Nitrobenzene-d5	9.08	82	7682	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	18081	0.51	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1649	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	27376	0.50	ng		0.00
25) Fluoranthene-d10	19.29	212	202441	0.49	ng		0.00
29) Terphenyl-d14	19.87	244	35345	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	1519	0.178	ng	#	91
3) n-Nitrosodimethylamine	3.77	42	766	0.247	ng	#	97
6) bis(2-Chloroethyl)ether	7.35	93	2584	0.191	ng	#	96
9) Naphthalene	10.77	128	45065	0.193	ng	#	73
10) Hexachlorobutadiene	11.08	225	1701	0.192	ng		98
12) 2-Methylnaphthalene	12.38	142	7809	0.199	ng		95
16) Acenaphthylene	14.26	152	10949	0.187	ng	#	87
17) Acenaphthene	14.60	154	8063	0.188	ng		98
18) Fluorene	15.58	166	10482	0.178	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	4102	0.219	ng	#	17
21) Hexachlorobenzene	16.58	284	4620	0.229	ng	#	100
22) Pentachlorophenol	16.91	266	512	0.169	ng	#	77
23) Phenanthrene	17.30	178	25361	0.205	ng		98
24) Anthracene	17.40	178	12000m	0.158	ng		
26) Fluoranthene	19.32	202	21778	0.187	ng		99
28) Pyrene	19.67	202	21927	0.207	ng	#	99
30) Benzo(a)anthracene	21.40	228	19826	0.195	ng		93
31) Chrysene	21.46	228	20752	0.195	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	29630	0.202	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.58	276	18838	0.202	ng		95
35) Benzo(b)fluoranthene	23.16	252	19349	0.183	ng		97
36) Benzo(k)fluoranthene	23.21	252	19241	0.184	ng		96
37) Benzo(a)pyrene	23.82	252	17406	0.188	ng		97
38) Dibenzo(a,h)anthracene	26.60	278	16839	0.187	ng	#	92
39) Benzo(g,h,i)perylene	27.40	276	17359	0.191	ng		92

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

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