Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
Data File : BE094431.D
Acq On : 17 Oct 2017 15:51
Operator : SJ/JU
Sample : I5275-01
Misc : LOD 0.1 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-SOIL-01-QT4-2017

Quant Time: Oct 17 20:18:11 2017
Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1171	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	6127	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	3793	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7238	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9406	0.40	ng		0.00
34) Perylene-d12	23.96	264	8923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1472	0.37	ng		0.01
5) Phenol-d6	7.13	99	2037	0.33	ng		0.00
8) Nitrobenzene-d5	9.08	82	2010	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	3851	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	415	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5299	0.39	ng		0.02
25) Fluoranthene-d10	19.29	212	42002	0.36	ng		0.00
29) Terphenyl-d14	19.87	244	6972	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	381	0.141	ng	#	66
3) n-Nitrosodimethylamine	3.76	42	176	0.087	ng	#	72
6) bis(2-Chloroethyl)ether	7.34	93	441	0.097	ng		97
9) Naphthalene	10.76	128	7985	0.117	ng	#	97
10) Hexachlorobutadiene	11.01	225	326	0.119	ng		95
12) 2-Methylnaphthalene	12.37	142	1305	0.116	ng		95
16) Acenaphthylene	14.24	152	2282	0.111	ng		99
17) Acenaphthene	14.58	154	1486	0.115	ng		99
18) Fluorene	15.58	166	1880	0.113	ng		98
20) 4-Bromophenyl-phenylether	16.45	248	469	0.130	ng	#	71
21) Hexachlorobenzene	16.58	284	671	0.115	ng	#	61
22) Pentachlorophenol	17.04	266	31	0.197	ng		94
23) Phenanthrene	17.30	178	3448	0.121	ng		97
24) Anthracene	17.40	178	2257	0.103	ng		97
26) Fluoranthene	19.31	202	3687	0.104	ng		99
28) Pyrene	19.67	202	3877	0.109	ng		98
30) Benzo(a)anthracene	21.41	228	3626	0.111	ng	#	71
31) Chrysene	21.46	228	3740	0.119	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.29	149	10824	0.116	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	3529	0.112	ng		97
35) Benzo(b)fluoranthene	23.18	252	3509	0.116	ng	#	58
36) Benzo(k)fluoranthene	23.23	252	3452	0.116	ng	#	58
37) Benzo(a)pyrene	23.84	252	3206	0.113	ng	#	55
38) Dibenzo(a,h)anthracene	26.66	278	3002	0.111	ng	#	66
39) Benzo(g,h,i)perylene	27.48	276	2938	0.113	ng	#	71

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

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