Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051618\
Data File : BE096592.D
Acq On : 16 May 2018 12:36
Operator : SJ/JU
Sample : J2133-01
Misc : LOD 0.1
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-MDL-SOIL-01-QT2-2018

Manual Integrations APPROVED
Sohil
5/17/2018 5:05:50 PM

Quant Time: May 17 04:05:45 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	643	0.40	ng		0.00
7) Naphthalene-d8	11.18	136	2711	0.40	ng		0.00
13) Acenaphthene-d10	14.92	164	1613	0.40	ng		0.00
19) Phenanthrene-d10	17.64	188	3629	0.40	ng		0.00
27) Chrysene-d12	21.73	240	3460	0.40	ng		0.00
34) Perylene-d12	24.33	264	3124	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.86	112	564	0.32	ng		0.00
5) Phenol-d6	7.51	99	739	0.29	ng		0.00
8) Nitrobenzene-d5	9.53	82	1013	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.72	152	1584	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.40	330	155	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.56	172	2443	0.35	ng		0.00
25) Fluoranthene-d10	19.62	212	16310	0.37	ng		0.00
29) Terphenyl-d14	20.18	244	2490	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	99	0.103	ng		94
3) n-Nitrosodimethylamine	3.96	42	83	0.069	ng	#	72
6) bis(2-Chloroethyl)ether	7.75	93	220	0.094	ng		80
9) Naphthalene	11.22	128	2624	0.092	ng	#	93
10) Hexachlorobutadiene	11.49	225	149	0.093	ng		96
12) 2-Methylnaphthalene	12.79	142	432	0.088	ng	#	87
16) Acenaphthylene	14.66	152	697	0.083	ng		96
17) Acenaphthene	14.99	154	439	0.086	ng		88
18) Fluorene	15.96	166	560	0.088	ng	#	74
20) 4-Bromophenyl-phenylether	16.82	248	193	0.088	ng	#	75
21) Hexachlorobenzene	16.95	284	209	0.091	ng	#	79
22) Pentachlorophenol	17.35	266	22	0.212	ng		100
23) Phenanthrene	17.67	178	893	0.088	ng		98
24) Anthracene	17.77	178	786	0.083	ng	#	95
26) Fluoranthene	19.65	202	1082	0.089	ng	#	97
28) Pyrene	20.00	202	500	0.080	ng		95
30) Benzo(a)anthracene	21.72	228	928	0.087	ng		95
31) Chrysene	21.78	228	1000m	0.090	ng		
32) Bis(2-ethylhexyl)phthalate	21.58	149	1931	0.085	ng	#	98
33) Indeno(1,2,3-cd)pyrene	27.11	276	856m	0.081	ng		
35) Benzo(b)fluoranthene	23.53	252	839	0.087	ng	#	89
36) Benzo(k)fluoranthene	23.58	252	898	0.088	ng	#	69
37) Benzo(a)pyrene	24.22	252	783	0.085	ng	#	68
38) Dibenzo(a,h)anthracene	27.12	278	704	0.084	ng	#	69
39) Benzo(g,h,i)perylene	27.96	276	790	0.090	ng	#	69

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

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