Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098041.D
Acq On : 24 Oct 2018 16:42
Operator : SJ/JU
Sample : J5164-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 25 04:02:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1130	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5627	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	4029	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9698	0.40	ng		0.00
27) Chrysene-d12	21.48	240	11246	0.40	ng		0.00
34) Perylene-d12	24.03	264	11221	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1528	0.45	ng		0.00
5) Phenol-d6	7.06	99	2464	0.43	ng		0.00
8) Nitrobenzene-d5	9.03	82	2729	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	4153	0.42	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	752	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	6787	0.42	ng		0.00
25) Fluoranthene-d10	19.32	212	49681	0.40	ng		0.00
29) Terphenyl-d14	19.92	244	10628	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	321	0.185	ng	#	93
3) n-Nitrosodimethylamine	3.70	42	447	0.193	ng	#	75
6) bis(2-Chloroethyl)ether	7.30	93	714	0.179	ng		92
9) Naphthalene	10.73	128	9952	0.178	ng	#	98
10) Hexachlorobutadiene	11.02	225	662	0.175	ng		96
12) 2-Methylnaphthalene	12.35	142	1786	0.177	ng	#	89
16) Acenaphthylene	14.26	152	3111	0.171	ng		99
17) Acenaphthene	14.60	154	1932	0.175	ng		98
18) Fluorene	15.59	166	2534	0.170	ng		95
20) 4-Bromophenyl-phenylether	16.48	248	1033	0.176	ng	#	87
21) Hexachlorobenzene	16.60	284	1110	0.182	ng		100
22) Pentachlorophenol	16.95	266	87	0.171	ng	#	76
23) Phenanthrene	17.33	178	4186	0.176	ng		99
24) Anthracene	17.42	178	3909	0.167	ng		98
26) Fluoranthene	19.35	202	5165	0.174	ng	#	96
28) Pyrene	19.71	202	5452	0.176	ng		99
30) Benzo(a)anthracene	21.45	228	5993	0.180	ng		98
31) Chrysene	21.51	228	5555	0.172	ng		99
32) Bis(2-ethylhexyl)phthalate	21.38	149	13477	0.171	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.72	276	6045	0.171	ng	#	93
35) Benzo(b)fluoranthene	23.24	252	5322	0.171	ng		94
36) Benzo(k)fluoranthene	23.29	252	5578	0.172	ng		95
37) Benzo(a)pyrene	23.91	252	5259	0.172	ng		94
38) Dibenzo(a,h)anthracene	26.74	278	5048	0.169	ng		94
39) Benzo(g,h,i)perylene	27.55	276	4981	0.168	ng		96

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

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