Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
Data File : BE094434.D
Acq On : 17 Oct 2017 18:00
Operator : SJ/JU
Sample : I5275-06
Misc : LOQ 0.2 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER-06-QT4-2017

Manual Integrations APPROVED
Sohil
10/18/2017 7:21:20 PM

Quant Time: Oct 17 20:34:15 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	7.90	152	1237	0.40	ng		-0.02
7) Naphthalene-d8	10.71	136	6534	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	4044	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7213	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9755	0.40	ng		0.00
34) Perylene-d12	23.96	264	9280	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1481	0.35	ng		0.00
5) Phenol-d6	7.12	99	2110	0.32	ng		0.00
8) Nitrobenzene-d5	9.08	82	2001	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	3848	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	434	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5291	0.37	ng		0.02
25) Fluoranthene-d10	19.29	212	40435	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	6818	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	525	0.212	ng	#	78
3) n-Nitrosodimethylamine	3.75	42	360	0.167	ng	#	88
6) bis(2-Chloroethyl)ether	7.34	93	898	0.186	ng		87
9) Naphthalene	10.76	128	14765	0.202	ng		99
10) Hexachlorobutadiene	11.01	225	580	0.199	ng		96
12) 2-Methylnaphthalene	12.36	142	2499	0.207	ng		99
16) Acenaphthylene	14.24	152	4246	0.194	ng		100
17) Acenaphthene	14.58	154	2745	0.199	ng		98
18) Fluorene	15.58	166	3471	0.195	ng		97
20) 4-Bromophenyl-phenylether	16.45	248	763	0.211	ng	#	60
21) Hexachlorobenzene	16.58	284	1230	0.189	ng	#	59
22) Pentachlorophenol	17.04	266	78	0.259	ng		97
23) Phenanthrene	17.30	178	5194m	0.183	ng		
24) Anthracene	17.40	178	4569m	0.208	ng		
26) Fluoranthene	19.32	202	6537	0.186	ng		99
28) Pyrene	19.67	202	6951	0.189	ng		100
30) Benzo(a)anthracene	21.40	228	6527	0.193	ng	#	66
31) Chrysene	21.46	228	6491	0.200	ng	#	69
32) Bis(2-ethylhexyl)phthalate	21.29	149	17983	0.185	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	6432	0.197	ng		99
35) Benzo(b)fluoranthene	23.18	252	6107	0.194	ng	#	48
36) Benzo(k)fluoranthene	23.23	252	6344	0.205	ng	#	49
37) Benzo(a)pyrene	23.84	252	5711	0.193	ng	#	44
38) Dibenzo(a,h)anthracene	26.65	278	5413	0.193	ng	#	55
39) Benzo(g,h,i)perylene	27.48	276	5315	0.197	ng	#	64

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

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