Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099933.D
Acq On : 11 Jun 2019 20:32
Operator : JU/SJ
Sample : K2241-08
Misc : LOQ-WATER-0.2PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:37:55 AM

Quant Time: Jun 12 16:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	611	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	2126	0.40	ng		-0.01
13) Acenaphthene-d10	14.44	164	1821	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	6357	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	7642	0.40	ng		-0.04
34) Perylene-d12	23.86	264	8853	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2006	1.22	ng		0.00
5) Phenol-d6	6.95	99	2584	1.22	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1731	0.86	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	1395	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	1221	0.91	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	6533	0.95	ng		-0.03
25) Fluoranthene-d10	19.21	212	30540	0.33	ng		-0.04
29) Terphenyl-d14	19.81	244	17347	1.26	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	203	0.224	ng	#	90
3) n-Nitrosodimethylamine	3.63	42	172m	0.330	ng		
6) bis(2-Chloroethyl)ether	7.22	93	346	0.199	ng	#	70
9) Naphthalene	10.64	128	5098	0.222	ng	#	96
10) Hexachlorobutadiene	10.90	225	403	0.230	ng		98
12) 2-Methylnaphthalene	12.27	142	819	0.220	ng		97
16) Acenaphthylene	14.17	152	1869	0.206	ng		97
17) Acenaphthene	14.51	154	1030	0.209	ng		98
18) Fluorene	15.49	166	1639	0.221	ng		96
20) 4-Bromophenyl-phenylether	16.38	248	721	0.200	ng	#	90
21) Hexachlorobenzene	16.48	284	803	0.218	ng		97
22) Pentachlorophenol	16.95	266	97	0.354	ng		84
23) Phenanthrene	17.23	178	3091	0.200	ng		99
24) Anthracene	17.32	178	2463	0.174	ng		97
26) Fluoranthene	19.24	202	5107	0.195	ng		99
28) Pyrene	19.61	202	5166	0.257	ng		100
30) Benzo(a)anthracene	21.35	228	4515	0.198	ng		99
31) Chrysene	21.40	228	5527	0.234	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	5704	0.174	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	5941m	0.212	ng		
35) Benzo(b)fluoranthene	23.09	252	5126m	0.207	ng		
36) Benzo(k)fluoranthene	23.15	252	5701	0.220	ng	#	94
37) Benzo(a)pyrene	23.76	252	5389	0.221	ng	#	88
38) Dibenzo(a,h)anthracene	26.56	278	4535m	0.184	ng		
39) Benzo(g,h,i)perylene	27.34	276	5405	0.213	ng	#	93

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

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