Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
Data File : BE099811.D
Acq On : 5 Jun 2019 19:39
Operator : JU/SJ
Sample : K2241-07
Misc : MDL-SIM-0.1PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:43:16 PM

Quant Time: Jun 06 01:52:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	858	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	2665	0.40	ng		0.01
13) Acenaphthene-d10	14.48	164	1843	0.40	ng		0.01
19) Phenanthrene-d10	17.24	188	6472	0.40	ng		0.01
27) Chrysene-d12	21.42	240	11862	0.40	ng		0.00
34) Perylene-d12	23.95	264	14373	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	801	0.38	ng		0.01
5) Phenol-d6	6.99	99	842	0.31	ng		0.02
8) Nitrobenzene-d5	8.99	82	661	0.28	ng		0.03
11) 2-Methylnaphthalene-d10	12.24	152	813	0.18	ng		0.03
14) 2,4,6-Tribromophenol	16.02	330	321	0.36	ng		0.04
15) 2-Fluorobiphenyl	13.13	172	2292	0.33	ng		0.03
25) Fluoranthene-d10	19.27	212	18167	0.19	ng		0.01
29) Terphenyl-d14	19.87	244	7136	0.37	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	164	0.132	ng	#	84
3) n-Nitrosodimethylamine	3.64	42	83	0.126	ng	#	49
6) bis(2-Chloroethyl)ether	7.24	93	102	0.043	ng	#	79
9) Naphthalene	10.68	128	1849	0.065	ng	#	83
10) Hexachlorobutadiene	10.94	225	138	0.064	ng		95
12) 2-Methylnaphthalene	12.31	142	218	0.048	ng	#	84
16) Acenaphthylene	14.21	152	494	0.056	ng	#	93
17) Acenaphthene	14.56	154	268	0.055	ng		98
18) Fluorene	15.54	166	377	0.053	ng		88
20) 4-Bromophenyl-phenylether	16.44	248	140	0.039	ng	#	82
21) Hexachlorobenzene	16.53	284	216	0.055	ng		95
22) Pentachlorophenol	16.93	266	17m	0.293	ng		
23) Phenanthrene	17.28	178	777m	0.050	ng		
24) Anthracene	17.38	178	556	0.040	ng		99
26) Fluoranthene	19.30	202	1587	0.059	ng		97
28) Pyrene	19.66	202	1622	0.057	ng		99
30) Benzo(a)anthracene	21.40	228	1669	0.051	ng	#	90
31) Chrysene	21.45	228	2223	0.061	ng		92
32) Bis(2-ethylhexyl)phthalate	21.31	149	2018	0.054	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.65	276	2515	0.058	ng	#	71
35) Benzo(b)fluoranthene	23.17	252	1998	0.050	ng	#	84
36) Benzo(k)fluoranthene	23.22	252	2411	0.057	ng	#	83
37) Benzo(a)pyrene	23.85	252	2065	0.054	ng	#	80
38) Dibenzo(a,h)anthracene	26.70	278	1815	0.046	ng	#	70
39) Benzo(g,h,i)perylene	27.48	276	2333	0.057	ng	#	81

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

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