Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
Data File : BE099931.D
Acq On : 11 Jun 2019 19:21
Operator : JU/SJ
Sample : K2241-07
Misc : LOD-WATER-0.1PPM
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/14/2019 8:37:50 AM

Quant Time: Jun 12 04:41:33 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	643	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	2290	0.40	ng		0.00
13) Acenaphthene-d10	14.44	164	2020	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	6755	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	7862	0.40	ng		-0.04
34) Perylene-d12	23.87	264	9106	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1522	0.88	ng		0.00
5) Phenol-d6	6.97	99	1893	0.85	ng		0.00
8) Nitrobenzene-d5	8.98	82	1316	0.61	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	1604	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.94	330	831	0.56	ng		-0.03
15) 2-Fluorobiphenyl	13.09	172	5029	0.66	ng		-0.01
25) Fluoranthene-d10	19.22	212	33691	0.34	ng		-0.03
29) Terphenyl-d14	19.82	244	12930	0.91	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	98	0.103	ng	#	81
3) n-Nitrosodimethylamine	3.61	42	26	0.047	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	415	0.227	ng	#	9
9) Naphthalene	10.64	128	3090	0.125	ng	#	90
10) Hexachlorobutadiene	10.90	225	237	0.126	ng		99
12) 2-Methylnaphthalene	12.28	142	492	0.123	ng		95
16) Acenaphthylene	14.17	152	1109	0.110	ng		97
17) Acenaphthene	14.52	154	584	0.107	ng		98
18) Fluorene	15.49	166	930	0.113	ng		95
20) 4-Bromophenyl-phenylether	16.38	248	414	0.108	ng	#	87
21) Hexachlorobenzene	16.49	284	475	0.121	ng		98
22) Pentachlorophenol	16.93	266	93	0.349	ng		91
23) Phenanthrene	17.23	178	1760	0.107	ng		99
24) Anthracene	17.34	178	1292	0.086	ng		98
26) Fluoranthene	19.25	202	2931	0.105	ng		100
28) Pyrene	19.61	202	2912	0.141	ng		100
30) Benzo(a)anthracene	21.35	228	2405	0.102	ng		95
31) Chrysene	21.40	228	3130	0.129	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	3539	0.105	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.53	276	2799	0.097	ng	#	84
35) Benzo(b)fluoranthene	23.10	252	2779	0.109	ng	#	83
36) Benzo(k)fluoranthene	23.15	252	3230	0.121	ng	#	85
37) Benzo(a)pyrene	23.75	252	2965	0.118	ng	#	73
38) Dibenzo(a,h)anthracene	26.56	278	2402m	0.095	ng		
39) Benzo(g,h,i)perylene	27.33	276	2861	0.109	ng	#	86

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

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