Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
Data File : BN009411.D
Acq On : 21 Jan 2020 12:52
Operator : JU
Sample : K5111-09
Misc : 0.1 MDL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:00 AM

Quant Time: Jan 21 16:24:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 16:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1256	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4115	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2651	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	5730	0.40	ng		0.00
27) Chrysene-d12	21.07	240	4835	0.40	ng		0.00
34) Perylene-d12	23.19	264	4861	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	928	0.32	ng		0.00
5) Phenol-d6	6.69	99	923	0.28	ng		0.02
8) Nitrobenzene-d5	8.66	82	913	0.28	ng		0.02
11) 2-Methylnaphthalene-d10	11.85	152	2114	0.27	ng		0.02
14) 2,4,6-Tribromophenol	15.64	330	261	0.26	ng		0.02
15) 2-Fluorobiphenyl	12.74	172	3091	0.31	ng		0.02
25) Fluoranthene-d10	18.90	212	4972	0.25	ng		0.00
29) Terphenyl-d14	19.51	244	4005	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	112	0.086	ng	#	63
3) n-Nitrosodimethylamine	3.51	42	201m	0.099	ng		
6) bis(2-Chloroethyl)ether	6.94	93	247m	0.072	ng		
9) Naphthalene	10.29	128	922	0.083	ng	#	72
10) Hexachlorobutadiene	10.57	225	206	0.084	ng	#	99
12) 2-Methylnaphthalene	11.93	142	605	0.078	ng	#	86
16) Acenaphthylene	13.82	152	838	0.073	ng		98
17) Acenaphthene	14.17	154	631	0.078	ng		98
18) Fluorene	15.18	166	816	0.078	ng		97
20) 4-Bromophenyl-phenylether	16.08	248	239	0.069	ng	#	89
21) Hexachlorobenzene	16.18	284	279	0.076	ng		92
22) Pentachlorophenol	16.58	266	156	0.151	ng		90
23) Phenanthrene	16.91	178	1325	0.077	ng		98
24) Anthracene	17.02	178	980	0.068	ng		96
26) Fluoranthene	18.93	202	1603	0.079	ng		99
28) Pyrene	19.30	202	1582	0.086	ng		99
30) Benzo(a)anthracene	21.07	228	1148	0.072	ng	#	91
31) Chrysene	21.11	228	1661m	0.091	ng		
32) Bis(2-ethylhexyl)phthalate	21.00	149	556	0.079	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.29	276	1435	0.076	ng	#	70
35) Benzo(b)fluoranthene	22.57	252	1223	0.068	ng	#	48
36) Benzo(k)fluoranthene	22.62	252	1823m	0.092	ng		
37) Benzo(a)pyrene	23.11	252	1370	0.087	ng	#	29
38) Dibenzo(a,h)anthracene	25.31	278	1047	0.066	ng	#	37
39) Benzo(g,h,i)perylene	25.91	276	1449	0.083	ng	#	77

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

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