Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
Data File : BN009377.D
Acq On : 15 Jan 2020 13:48
Operator : JU
Sample : K3591-07
Misc : LOD-MDL-W-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
1/16/2020 2:24:59 PM

Quant Time: Jan 15 17:13:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 15 16:07:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1396	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4630	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2923	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	6314	0.40	ng		0.00
27) Chrysene-d12	21.07	240	5621	0.40	ng		0.00
34) Perylene-d12	23.19	264	5948	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1255	0.39	ng		0.00
5) Phenol-d6	6.68	99	1354	0.36	ng		0.00
8) Nitrobenzene-d5	8.64	82	1237	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	2729	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	329	0.30	ng		0.01
15) 2-Fluorobiphenyl	12.74	172	3897	0.36	ng		0.01
25) Fluoranthene-d10	18.90	212	6609	0.31	ng		0.00
29) Terphenyl-d14	19.52	244	5229	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	104	0.071	ng	#	81
3) n-Nitrosodimethylamine	3.51	42	193m	0.086	ng		
6) bis(2-Chloroethyl)ether	6.94	93	320	0.084	ng	#	85
9) Naphthalene	10.28	128	1134	0.091	ng	#	80
10) Hexachlorobutadiene	10.57	225	238	0.087	ng	#	93
12) 2-Methylnaphthalene	11.92	142	752	0.086	ng		94
16) Acenaphthylene	13.83	152	1006	0.080	ng		99
17) Acenaphthene	14.18	154	722	0.081	ng		95
18) Fluorene	15.18	166	923	0.080	ng		100
20) 4-Bromophenyl-phenylether	16.08	248	287	0.075	ng		93
21) Hexachlorobenzene	16.18	284	328	0.081	ng		94
22) Pentachlorophenol	16.56	266	208	0.183	ng		94
23) Phenanthrene	16.91	178	1536	0.081	ng		99
24) Anthracene	17.01	178	1206	0.076	ng		96
26) Fluoranthene	18.93	202	1844	0.083	ng		99
28) Pyrene	19.30	202	1888	0.089	ng		99
30) Benzo(a)anthracene	21.06	228	1402	0.076	ng		93
31) Chrysene	21.11	228	1997	0.094	ng		95
32) Bis(2-ethylhexyl)phthalate	21.01	149	740	0.091	ng		98
33) Indeno(1,2,3-cd)pyrene	25.28	276	1918	0.087	ng		92
35) Benzo(b)fluoranthene	22.57	252	1780	0.081	ng	#	57
36) Benzo(k)fluoranthene	22.61	252	2207	0.091	ng	#	61
37) Benzo(a)pyrene	23.11	252	1741	0.090	ng	#	6
38) Dibenzo(a,h)anthracene	25.31	278	1401	0.072	ng	#	57
39) Benzo(g,h,i)perylene	25.91	276	1874	0.088	ng	#	84

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

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