Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
Data File : BN011114.D
Acq On : 07 Jul 2020 14:09
Operator : CG/JU
Sample : L1955-13
Misc : MDL-WTR--06
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
mohammad
7/9/2020 10:57:57 AM

Quant Time: Jul 07 14:41:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:39:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1657	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	4914	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2758	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	5774	0.40	ng		0.01
29) Chrysene-d12	21.10	240	4442	0.40	ng		0.00
36) Perylene-d12	23.24	264	4615	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1347	0.33	ng		0.00
5) Phenol-d6	6.72	99	1312	0.28	ng		0.00
8) Nitrobenzene-d5	8.67	82	1275	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	2612	0.31	ng		0.02
14) 2,4,6-Tribromophenol	15.65	330	361	0.31	ng		0.01
15) 2-Fluorobiphenyl	12.77	172	3351	0.26	ng		0.02
27) Fluoranthene-d10	18.94	212	5263	0.30	ng		0.00
31) Terphenyl-d14	19.55	244	4090	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	151	0.065	ng		92
3) n-Nitrosodimethylamine	3.59	42	27	0.023	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	268	0.062	ng		96
9) Naphthalene	10.32	128	1085	0.074	ng	#	79
10) Hexachlorobutadiene	10.60	225	276	0.074	ng	#	99
12) 2-Methylnaphthalene	11.95	142	651	0.066	ng	#	89
16) Acenaphthylene	13.85	152	889	0.064	ng		100
17) Acenaphthene	14.20	154	605	0.065	ng		95
18) Fluorene	15.21	166	719	0.061	ng		98
20) 4,6-Dinitro-2-methylphenol	15.39	198	37m	0.060	ng		
21) 4-Bromophenyl-phenylether	16.12	248	225	0.059	ng		96
22) Hexachlorobenzene	16.20	284	315	0.070	ng		98
23) Atrazine	16.40	200	207	0.076	ng	#	67
24) Pentachlorophenol	16.57	266	177	0.145	ng		98
25) Phenanthrene	16.93	178	1255	0.067	ng		98
26) Anthracene	17.04	178	923	0.060	ng		99
28) Fluoranthene	18.97	202	1334	0.063	ng		98
30) Pyrene	19.33	202	1333	0.080	ng		99
32) Benzo(a)anthracene	21.10	228	1032	0.070	ng	#	87
33) Chrysene	21.14	228	1345	0.079	ng	#	91
34) Bis(2-ethylhexyl)phthalate	21.05	149	726	0.121	ng	#	99
35) Indeno(1,2,3-cd)pyrene	25.37	276	1003	0.056	ng	#	88
37) Benzo(b)fluoranthene	22.62	252	1096	0.059	ng	#	48
38) Benzo(k)fluoranthene	22.66	252	1291	0.065	ng	#	48
39) Benzo(a)pyrene	23.16	252	1060	0.066	ng	#	33
40) Dibenzo(a,h)anthracene	25.38	278	837	0.051	ng	#	11
41) Benzo(g,h,i)perylene	25.98	276	1179	0.066	ng	#	77

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

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