Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012421.D
Acq On : 28 Oct 2020 13:34
Operator : CG/JU
Sample : L4214-09
Misc : LOQ-WATER-0.1NG
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
mohammad
10/29/2020 10:44:20 AM

Quant Time: Oct 28 14:02:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	604	0.40	ng		# 0.00
7) Naphthalene-d8	10.364	136	2414	0.40	ng		# 0.01
13) Acenaphthene-d10	14.217	164	1439	0.40	ng		0.00
19) Phenanthrene-d10	16.980	188	2925	0.40	ng		# 0.01
29) Chrysene-d12	21.184	240	3077	0.40	ng		# 0.01
36) Perylene-d12	23.357	264	3782	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	601	0.28	ng		0.00
5) Phenol-d6	6.765	99	581	0.23	ng		0.00
8) Nitrobenzene-d5	8.754	82	625	0.23	ng		0.03
11) 2-Methylnaphthalene-d10	11.966	152	1150	0.30	ng		0.01
14) 2,4,6-Tribromophenol	15.740	330	269	0.26	ng		0.01
15) 2-Fluorobiphenyl	12.860	172	1299	0.24	ng		0.01
27) Fluoranthene-d10	19.017	212	3109	0.34	ng		0.00
31) Terphenyl-d14	19.623	244	2335	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	90m	0.09	ng		
3) n-Nitrosodimethylamine	3.503	42	211	0.09	ng	#	60
6) bis(2-Chloroethyl)ether	7.022	93	114m	0.07	ng		
9) Naphthalene	10.415	128	519	0.08	ng	#	50
10) Hexachlorobutadiene	10.681	225	116	0.08	ng	#	99
12) 2-Methylnaphthalene	12.046	142	301	0.07	ng	#	75
16) Acenaphthylene	13.938	152	528	0.07	ng		99
17) Acenaphthene	14.281	154	336	0.07	ng		94
18) Fluorene	15.296	166	400	0.07	ng		96
20) 4,6-Dinitro-2-methylph...	15.422	198	56	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.189	248	120	0.07	ng	#	87
22) Hexachlorobenzene	16.286	284	183	0.09	ng	#	91
23) Atrazine	16.457	200	110	0.06	ng	#	48
24) Pentachlorophenol	16.639	266	138	0.14	ng	#	89
25) Phenanthrene	17.017	178	590	0.07	ng		97
26) Anthracene	17.114	178	538	0.07	ng		98
28) Fluoranthene	19.047	202	806	0.08	ng		98
30) Pyrene	19.415	202	816	0.08	ng		99
32) Benzo(a)anthracene	21.173	228	664	0.07	ng	#	81
33) Chrysene	21.216	228	877	0.08	ng	#	82
34) Bis(2-ethylhexyl)phtha...	21.099	149	1133	0.18	ng		93
35) Indeno(1,2,3-cd)pyrene	25.527	276	1179	0.08	ng	#	89
37) Benzo(b)fluoranthene	22.710	252	952	0.08	ng	#	1
38) Benzo(k)fluoranthene	22.755	252	937	0.07	ng	#	31
39) Benzo(a)pyrene	23.265	252	1040	0.09	ng	#	1
40) Dibenzo(a,h)anthracene	25.548	278	947m	0.07	ng		
41) Benzo(g,h,i)perylene	26.184	276	1149	0.08	ng	#	71

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

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